



BOARD OF TRADE

FINAL REPORT  
on the  
CENSUS OF PRODUCTION  
FOR 1948

Volume 10

Trade K

PRINTING AND PUBLISHING, BOOKBINDING  
ENGRAVING, etc.

*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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 In interpreting the data in the following tables, it is essential to bear in mind not only the qualifications mentioned in this report but also the general explanations and qualifications contained in the separate booklet published in this series by H.M. Stationery Office entitled "Final Reports of the Census of Production for 1948: Introductory Notes", price 2s Od. NET

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\* Not applicable to this trade

PRINTING AND PUBLISHING, BOOKBINDING, ENGRAVING, ETC. TRADE

THIS REPORT on the Printing and Publishing, Bookbinding, Engraving, etc. Trade relates to establishments engaged wholly or mainly in printing, book-binding, stereotyping, engraving and similar kinds of work, or in the publishing of books, etc.; it does not include those wholly or mainly engaged in the printing or publishing of newspapers and periodicals (for which see Volume 10, Trade J.).

This trade corresponds to minimum list heading 189 in the Standard Industrial Classification.

Non-printing publishers were not required to make returns for 1935.

For published matter, the publishers were required to state the net selling value and the net advertisement revenue; firms printing for United Kingdom publishers were asked to state the net amount charged.

For the Partial Census of 1946 printing firms employing on the average from 11 to 49 persons who were unable to complete the detailed schedule were allowed to complete the abbreviated schedule applicable to firms employing under 11 persons. As a result complete figures for wages and salaries are not available for that year.

Establishments in Northern Ireland are excluded in 1948. Establishments of printers, bookbinders, etc., there accounted in both 1946 and 1935 for about 1 per cent. of the net output for the United Kingdom. No production by non-printing publishers was recorded there for 1946.

## PRINTING AND PUBLISHING, BOOKBINDING, ENGRAVING, ETC. TRADE

## Summary

## Larger establishments (a)

TABLE I

	A. Publishers (non-printing firms)		B. Printers, Bookbinders, etc.		
	1948 (b)	1946 (c)	1948 (b)	1946 (c)	1935 (c)
	£'000	£'000	£'000	£'000	£'000
Gross output (production)	21,371	16,169	131,045	84,587	60,783(d)
Cost of materials and fuel used	2,796	1,588	35,976	22,861	18,638(d)
Payment for work done on materials given out	8,625	6,275	9,919	4,575	1,751
Authors' royalties, copyright payments, payments to contributors, and editorial, artists' and readers' fees (less payments received from authors)	2,384	2,075	579	438(e)	(f)
Estimated excise duty on playing cards	-	-	(g)	(g)	70
Net output	7,586	6,231	84,571	56,713	40,324
Wages and salaries of persons employed	2,545 No.	1,806 No.	48,629 No.	.. No.	.. No.
Average number of persons employed (h)	6,111(1) £	4,811 £	162,404(1) £	131,654 £	180,693 £
Net output per person employed (h)	1,241 £'000	1,295 £'000	521 £'000	431 £'000	223 £'000
Stocks at end of year					
Finished products and work in progress	4,887	2,185	11,603	6,548	..
Materials and fuel	1,290 No.	651 No.	14,495 No.	5,657 No.	.. No.
Number of establishments	120	..	2,398	..	2,701

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

(b) Great Britain only.

(c) United Kingdom.

(d) Excluding value of paper used by H.M. Stationery Office.

(e) Not including royalties, etc., if any, paid by those firms employing from 11 to 49 persons which did not make returns in full detail.

(f) Not ascertained.

(g) Not included in gross output for 1948 and 1946.

(h) Excluding outworkers.

(i) For an estimate of the total number of persons employed in this trade see Table 3.

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

TABLE I (contd.)

	A. Publishers (non-printing firms)		B. Printers, Bookbinders, etc.		
	1948	1946	1948	1946	1935
	£'000	£'000	£'000	£'000	£'000
Output of firms in this trade					
Total value of sales and work done (1948 and 1946) or production (1935)					
Principal products (see Table 8)	19,461	15,690	115,186	83,243	51,106
Other output (see Table 10)	652		15,101		9,677
Adjustment for changes in stocks and work in progress (see Table 14)	+ 1,367	+ 573	+ 1,509	+ 1,805	
Less payment for transport by other firms	21,480	16,263	131,796	85,048	60,783
	109	94	752	461	
Gross output (production)	21,371	16,169	131,045	84,587	60,783
Materials and fuel used by firms in this trade					
Purchases (see Table 13)	3,072	1,740	38,424	24,262	18,638
Adjustment for changes in stocks (see Table 14)	- 276	- 152	- 2,448	- 1,401	
Materials and fuel used	2,796	1,588	35,976	22,861	18,638

Summary 1948

## Small firms in Great Britain

TABLE 2

	A. Publishers (non-printing firms)	B. Printers, Bookbinders, etc.
	£'000	£'000
Gross output (sales and work done)	2,994	10,449
Cost of materials and fuel purchased during the year	376	2,950
Payment for work done on materials given out	1,686	886
Net output (a)	932	6,613
Average number of persons employed (b)	No. 1,037	No. 16,636
Net output per person employed	£ 899	£ 398
Number of returns	No. 224	No. 3,272

(a) The values of gross output (sales) and of materials and fuel purchased, for small firms, are not adjusted for changes in stocks during the year nor is information available about payments for transport by other firms. The amount of net output of small firms is therefore, not strictly comparable with that of larger establishments shown in Table 1.

(b) Including working proprietors.

## Estimated average employment, 1948

## All firms in Great Britain

TABLE 3

	A. Publishers (non-printing firms)	B. Printers, Bookbinders, etc.
As returned by firms		
Employing on average more than ten persons (a)	6,111	162,404
Employing on average ten persons or less (b)	1,037	16,636
	7,148	179,040
Estimated average employment in firms not making satisfactory returns	217	5,024
Estimated average employment in all firms	7,365	184,064

(a) See Tables 1 and 15.

(b) See Table 2.

Analysis by size, 1948

## Larger establishments in Great Britain

## A. Publishers (non-printing firms)

TABLE 4

Average number employed	Establishments	Gross output	Net output	Persons employed	Remuneration			Net output per person employed
					Wages	Salaries	Total	
	No.	£'000	£'000	No.	£'000	£'000	£'000	£
11-24	52	4,561	1,445	923	49	413	462	1,566
25-49	35	4,567	1,335	1,270	88	416	504	1,051
50-99	19	4,449	1,725	1,350	70	484	554	1,277
100-199	10	4,194	1,765	1,358	74	480	554	1,300
200-499	4	3,601	1,316	1,210	82	390	472	1,088
Total	120	21,371	7,586	6,111	363	2,182	2,545	1,241

## B. Printers, Bookbinders, etc.

TABLE 4 (contd.)

Average number employed	Establishments	Gross output	Net output	Persons employed	Remuneration			Net output per person employed
					Wages	Salaries	Total	
	No.	£'000	£'000	No.	£'000	£'000	£'000	£
11-24	961	11,668	7,830	16,660	3,517	963	4,480	470
25-49	681	17,846	11,762	23,606	5,069	1,537	6,606	498
50-99	399	21,439	14,158	27,373	6,285	1,979	8,264	517
100-199	216	24,005	15,640	29,611	6,719	2,212	8,931	528
200-299	57	11,652	7,953	13,973	3,501	874	4,375	569
300-399	31	8,727	5,398	10,496	2,442	823	3,265	514
400-499	16	5,038	3,408	7,096	1,579	492	2,072	480
500-749	19	10,914	6,821	11,482	2,763	1,110	3,873	594
750-999	8	4,965	3,543	6,825	1,674	567	2,241	519
1,000-1,499	6	6,233	3,930	7,511	1,635	441	2,076	523
1,500 and over	4	8,559	4,127	7,771	1,845	601	2,446	531
Total	2,398	131,045	84,571	162,404	37,028	11,601	48,629	521

## Analysis by standard region, 1948

## Larger establishments in Great Britain

## A. Publishers (non-printing firms)

TABLE 5

Region	Establishments	Gross output	Net output		Persons employed	Remuneration		
			Value	Percentage of total		Wages	Salaries	Total
	No.	£'000	£'000		No.	£'000	£'000	£'000
England								
East and West Ridings of Yorkshire; North Midland; and Eastern	5	276	88	1.2	113	12	25	36
London and South Eastern	105	19,788	7,024	92.6	5,590	338	2,000	2,338
Southern; South Western; and North Western	5	840	303	4.0	266	3	105	108
Total England	115	20,904	7,415	97.7	5,969	353	2,129	2,482
Wales	-	-	-	-	-	-	-	-
Scotland	5	467	171	2.3	142	10	53	63
Great Britain	120	21,371	7,586	100.0	6,111	363	2,182	2,545

## B. Printers, Bookbinders, etc.

TABLE 5 (contd.)

Region	Establishments	Gross output	Net output		Persons employed	Remuneration		
			Value	Percentage of total		Wages	Salaries	Total
	No.	£'000	£'000		No.	£'000	£'000	£'000
England								
Northern	83	2,557	1,579	1.9	3,828	703	210	912
East and West Ridings of Yorkshire	200	10,115	6,330	7.5	12,490	2,435	796	3,231
North Midland	162	7,101	4,491	5.3	8,714	1,817	611	2,427
Eastern	130	9,534	6,796	8.0	12,942	3,203	847	4,050
London and South Eastern	867	54,193	34,274	40.5	59,756	15,651	4,685	20,336
Southern	102	7,008	4,945	5.8	9,620	2,157	715	2,873
South Western	111	7,347	4,668	5.5	8,905	1,896	615	2,511
Midland	191	7,088	4,892	5.8	10,094	2,026	722	2,748
North Western	314	12,559	8,077	9.6	17,220	3,643	961	4,605
Total England	2,160	117,502	76,054	89.9	143,569	33,531	10,162	43,692
Wales	31	623	462	0.5	1,112	212	60	272
Scotland	207	12,860	8,056	9.5	17,723	3,286	1,379	4,664
Great Britain	2,398	131,045	84,571	100.0	162,404	37,028	11,601	48,629

Analysis according to specialisation within the trade, 1948  
Larger establishments in Great Britain

TABLE 6

	Establishments	Gross output	Sales of characteristic products (a)	Net output	Persons employed	Remuneration			Net output per person employed
						Wages	Salaries	Total	
	No.	£'000	£'000	£'000	No.	£'000	£'000	£'000	£
Specialist producers of									
Printed books, music and diaries									
A. Publishers (non-printing firms)	108	20,733	18,489	7,399	5,760	331	2,106	2,437	1,285
B. Printers, bookbinders, etc.	89	15,633	11,920	10,133	17,630	3,930	1,405	5,335	575
Christmas cards and greeting cards, calendars and picture postcards									
A. Publishers (non-printing firms)	7	490	417	100	220	28	40	68	454
B. Printers, bookbinders, etc.	65	5,315	3,984	3,329	5,806	931	506	1,438	573
Other published matter (excluding newspapers, reviews, trade journals, and similar periodicals)									
A. Publishers (non-printing firms)	5	148	98	87	131	4	36	41	668
B. Printers, bookbinders, etc.	24	1,538	1,121	1,077	2,349	530	205	735	459
Machine ruling; binding (including re-binding); stitching, folding, cutting, etc.; and gilding, blocking, stamping, lettering, etc.	141	4,396	3,946	3,338	7,992	1,717	297	2,014	418
Stereotyping and electrotyping; engraving of blocks, plates, etc.; photo-litho off-set plates; die sinking; relief stamping; engraving name plates, labels, dials, scales, memorial plates, etc.; and typesetting	186	7,066	6,373	5,588	9,334	3,046	836	3,881	599
Remainder of the trade	1,893	97,037		61,106	119,293	26,873	8,354	35,227	512
Total									
A. Publishers (non-printing firms)	120	21,371		7,586	6,111	363	2,182	2,545	1,241
B. Printers, bookbinders, etc.	2,398	131,045		84,571	162,404	37,028	11,601	48,629	521

(a) Net selling value of goods sold and/or net amount charged for printing, etc. work done.

TABLE 7 - Total make of intermediate products: Larger establishments

This table is not applicable to the trade.

Sales (or production) of the principal products of the trade, including sales (or production) of these products by establishments classified to other trades  
Larger establishments

TABLE 8

	A. Publishers (non-printing firms)			B. Printers, Bookbinders, etc.						
	1948 (a)			1948 (a) (b)				1935 (c)		
	Sales and work done			Sales and work done				Production		
	Quantity	Value	Entries	Printed and published (d)		Printed for other United Kingdom commercial publishers		Quantity	Value	
	£'000	No.	Quantity	Value	Entries	Value	Entries	Quantity	£'000	
Published matter										
Printed books	..	18,174(e)	110	..	10,549(e)	303	7,778	409	..	5,245
Music	..	329	13	..	156	11	485	30	..	203
Diaries	Th.doz. 7	32(e)	7	Th.doz. 1,220	1,104(e)	105	257	72	..	535(f)
Christmas cards and greeting cards	Th.gross 344	320	12	Th.gross 2,411	2,307	225	775	171	Th.gross 1,494	951
Calendars	15	39	12	..	722	263	387	155	..	102
Picture postcards	..	10		Th.doz. 8,202	457		48	195	47	Th.doz. 11,844
Other published matter (excluding newspapers, magazines, reviews, trade journals and similar periodicals)	1,625	77	8	..	52	..	..	..	..	64
Royalties, etc., received from editions printed and/or published overseas	..	180(e)	20	..	2,719(e)	175	906	126	..	98(g)
Other royalties and receipts for reproduction rights, etc.		137	68		15	10				(h)
Total published matter		162	71		91	23				(h)
Other goods sold and work done										
Manuscript books		18,461	120		19,528	..	10,783	..		8,147
Account books, etc.										
Other manuscript books, stapled, etc. (e.g., school exercise books, duplicate books)										
Albums and the like										
Playing cards (j)										
Tickets, showcards and posters, mounted or not (k)										
Paper transfers (k)										

TABLE 8 (contd.)

	A. Publishers (non-printing firms)			B. Printers, Bookbinders, etc.			
	1948 (a)			1948 (a) (b)		1935 (c)	
	Sales and work done			Sales and work done		Production	
	Quantity	Value	Entries	Main materials supplied by customers		Main materials supplied by firms doing the work	
Value				Entries	Value	Entries	
			£'000	No.	£'000	No.	£'000
Other goods sold and work done (contd.)							
Lithographic, chrome-litho, photo-litho, and type-litho printing							
Posters			153	39	1,349	174	6,559
Other			1,195	116	12,184	417	
Photogravure printing			1,445	15	982	31	733
Blue printing, dye line printing and similar photographic printing					298	39	232
Other photographic printing, not elsewhere specified			49	7	129	48	
Copper and steel printing			158	23	1,285	56	659
Silk screen printing					264	54	(1)
General printing, not included elsewhere							
Catalogues, trade lists and advertising material			335	157	7,452	1,184	7,735
Forms for loose leaf binders			38	82	1,024	815	19,260
Tabulating machine cards			24	15	1,020	202	
Other general printing			2,600	519	37,296	2,036	
Machine ruling			229	160	578	437	182
Binding (including re-binding)			572	178	4,839	730	2,977
Stitching, folding, cutting, etc.			207	169	669	434	70(k)
Stereotyping and electrotyping			9	7	914	190	461
Engraving of blocks, plates, etc.							
Steel and copper plates (intaglio work)			47	6	224	100	132
Plastic plates					56	22	(1)
Wood blocks (relief work)					-	-	112
Process blocks (relief work)			60	6	3,930	339	2,022
Photo-litho off-set plates			20	7	495	59	133(k)
Die sinking			11	8	134	105	58
Relief stamping			236	58	552	296	404

TABLE 8 (contd.)

	A. Publishers (non-printing firms)			B. Printers, Bookbinders, etc.					
	1948 (a)			1948 (a) (b)		1935 (c)			
	Sales and work done			Sales and work done		Production			
	Quantity	Value	Entries	Main materials supplied by customers		Main materials supplied by firms doing the work		Value	
Value				Entries	Value	Entries			
	£'000	No.	£'000	No.	£'000	No.	£'000		
Other goods sold and work done (contd.)									
Engraving name plates, labels, dials, scales, memorial plates, etc. (m)					43	11	233	59	80
Gilding, blocking, stamping, lettering, etc.					26	62	102	173	109(k)
Typesetting					76	27	1,366	439	202(k)
Tin printing					52	..	289	8	135
Other and unclassified work					65	23	396	49	547(n)
					£'000				
Waste products, other than waste paper and board or scrap metals						86		292	23(o)
Total	19,461	..			126,152	..		54,653	
Less goods sold and work done in other trades (see Table 9)	-	-				10,966	..	3,547	
Total goods sold and work done (principal products, including published matter) by establishments in the trade	19,461	120			115,186		2,294	51,106	

(a) For output of small firms see Table 23(11).

(b) Great Britain only.

(c) United Kingdom.

(d) Including the printing of published matter for overseas customers and for non-commercial United Kingdom publishers (manufacturers, learned societies, etc.) who do not make a Census of Production return in this trade.

(e) Including net charges for advertisements. The total amount of advertisement revenue in 1948 from all classes of published matter other than newspapers, magazines, reviews, trade journals and similar periodicals, was £331,000 in the case of publishers (non-printing firms), and £889,000 (£863,000 from printed books, £2,000 from diaries, and £254,000 from calendars and other published matter) in the case of printers, bookbinders, etc.

(f) Including albums.

(g) Maps, etc. made for sale by the Ordnance Survey Department only. The output of other published matter by other establishments was not recorded separately for 1935.

(h) Not recorded.

(i) Included with diaries (published matter).

(j) The values shown exclude for 1948 but include for 1935 any excise duty paid by the firms. The estimated amount of duty included for 1935 is £70,000.

(k) So far as recorded separately.

(l) Not recorded separately.

(m) Excluding name plates engraved by firms that also made the blanks. For such name plates of brass see the Brass Manufacturers Trade (Volume 5, Trade F).

(n) Including £261,000 of printing work, not further distinguished, returned by Local Authorities, Railway Companies, and Tramway and Light Railway Undertakings; £72,000 of duplicating work returned by Duplicating Departments of H.M. Stationery Office; and £31,000 returned by the Ordnance Survey Department described as "Work done for other Government Departments and for private individuals".

(o) May include some board.

Sales (or production) of principal products of the trade by establishments classified to other trades

Larger establishments

B. Printers, Bookbinders, etc. (a)

TABLE 9

	1948 (b) Sales and work done					1935 (c) Production	
	Printed and published			Printed for other United Kingdom commercial publishers		Quantity	Value
	Quantity	Value	Entries	Value	Entries		
	£'000	No.	£'000	No.		£'000	
Published matter							
Printed books	..	2,665(d)	118	866	55	..	149
	Th. doz.						
Diaries	16	22(d)	17	14	5	..	19
	Th. gross					Th. gross	
Christmas cards and greeting cards	439	189	38	-	..	40	17
	..	116					
Calendars	42	89	60	-	..	4	9
	..	60					
	Th. doz.					Th. doz.	
Picture postcards	59	2	9	-	-	536	16
Other published matter (excluding newspapers, magazines, reviews, trade journals and similar periodicals; and music)	..	406(d)	43	15	8	-	-
Total published matter		3,550	..	895	..		223
	Quantity	Value	Entries				
Other goods sold and work done	Th. cwts.	£'000	No.				
Manuscript books							
Account books, etc.	14.6	180	43	-	..	557	
	..	255					
Other manuscript books, stapled, etc. (e.g., school exercise books, duplicate books)	-	-					
Albums and the like	..	128	21	-	-	-	-
Tickets, showcards and posters, mounted or not	..	586	102	..	..	198	-
Paper transfers							

TABLE 9 (contd.)

	1948 (b) Sales and work done				1935 (b) Production
	Main materials supplied by customers		Main materials supplied by firms doing the work		
	Value	Entries	Value	Entries	
	£'000	No.	£'000	No.	£'000
Other goods sold and work done (contd.)					
Lithographic, chromo-litho and type-litho printing					
Posters	1	..	11	10	35
Other	39	6	212	18	
Photogravure printing; blue printing, dye line printing and similar photographic printing; and other photo- graphic printing, not else- where specified	45	5	34	12	21
Silk screen printing	15	..	41	7	-
General printing, not included elsewhere					
Catalogues, trade lists and advertising material	16	23	362	72	31
Forms for loose leaf binders	-	-	137	7	2,040
Tabulating machine cards	-	-			
Other general printing	514	136	3,133	378	
Machine ruling	10	9	11	6	1
Binding (including re-binding)			18	23	4
Stitching, folding, cutting, etc.	11	7	5	5	15
Stereotyping and electrotyping	-	-	96	13	10



TABLE 9 (contd.)

	1948 (b) Sales and work done				1935 (b) Production
	Main materials supplied by customers		Main materials supplied by firms doing the work		Value
	Value	Entries	Value	Entries	
	£'000	No.	£'000	No.	£'000
Other goods sold and work done (contd.)					
Engraving of blocks, plates, etc.					
Steel and copper plates (intaglio work)	43	..	-	5	17
Process blocks (relief work)			357	95	49
Photo-litho off-set plates; die sinking; relief stamping; and engraving name plates, labels, dials, scales, memorial plates, etc.	33	11	59	8	17(e)
Gilding, blocking, stamping, lettering, etc.	7	7	8	10	17
Typesetting; and tin printing	16	..	140	26	35
Other and unclassified work	-	-	-	-	277
Total goods sold and work done (including published matter)	£'000 10,966			..	3,547

(a) For convenience, all sales of principal products of this trade by establishments classified to other trades have been treated as principal products of the printing, bookbinding, etc. section of this trade; principal products of the publishing (non-printing) section of the trade are unlikely to have been produced in other trades.

(b) Great Britain only.

(c) United Kingdom.

(d) Including advertisement revenue amounting to a total for all classes of published matter of £245,000.

(e) This covers only relief stamping (£7,000) and engraving name plates, labels, dials, scales, memorial plates, etc. (£10,000).

Sales (or production) in the trade of other  
than principal products

## Larger establishments

TABLE 10

	1948 (a) (b)				1935 (c)	
	A. Publishers (non- printing firms)		B. Printers, Bookbinders, etc.		B. Printers, Bookbinders, etc.	
	Quantity	Value	Quantity	Value	Quantity	Value
	Million	£'000	Million	£'000		£'000
Newspapers, magazines, reviews, trade journals and similar periodicals						
Published	12.5	493(d)	-	-	-	-
	..	121				
Printed and published	-	-	58.4	1,184(d)		
			..	1,073		
Printed for other United Kingdom commercial publishers	-	-	..	4,383	..	5,484
Boxes and cartons of paper and cardboard			Th. cwts.		Th. cwts.	
Rigid boxes (including rigid boxes delivered in the flat, and round boxes)	-	-	32.7	214	160.1	326
			..	189		
Cartons	-	-	84.4	538	587.9	1,103(e)
			..	500		
Unclassified boxes and cartons	-	-	-	-	41.7	69
					..	23
Fibre-board packing cases	-	-	14.2	48	-	-
			..	48		
Paper bags	-	-	85.2	571	458.9	921
			..	211		
Envelopes	-	-	37.2	383		
			..	719		
Notepaper and pads	-	-	20.8	277	..	475
			..	350		
Boxed stationery and compendiums	-	-	1.0	11		
			..	61		
Jam pot covers and discs, bottle caps, milk discs, etc.	-	-	..	164	..	36
Counter check books, continuous invoice forms and the like	-	-	7.9	104	..	79
			..	369		

TABLE 10 (contd.)

	1948 (a) (b)				1935 (c)	
	A. Publishers (non-printing firms)		B. Printers, Bookbinders, etc.		B. Printers, Bookbinders, etc.	
	Quantity	Value	Quantity	Value	Quantity	Value
	£'000	Th. cwts.	£'000	Th. cwts.	£'000	
Loose leaf binders	-	-	8.3	183		
			..	273		
Other and unclassified manufactures of paper or cardboard	..	27	..	2,466	..	830
Metal manufactures (including rubber stamps)	-	-	..	107	..	51
Other goods	-	-	..	361	..	212
Work done	..	11	..		..	
Waste products sold						
Paper and board	-	-	..	305	..	68
Scrap metal	-	-	..	29	..	
Total		652		15,101		9,677

(a) For output of small firms see Table 23 (11).

(b) Great Britain only.

(c) United Kingdom.

(d) Including net charges for advertisements. The total amount of advertisement revenue in 1948 from newspapers, magazines, reviews, trade journals and similar periodicals was £176,000 in the case of publishers (non-printing firms) and £622,000 in the case of printers, bookbinders, etc.

(e) Described as "Folding boxes".

## Analysis of sales, 1948

## Larger establishments in Great Britain

TABLE 11

	A. Publishing (non-printing firms)		B. Printers, Bookbinders, etc.	
	Sales	Percentage of total sales	Sales	Percentage of total sales
Sales (or transfers) to other organisations under the same control	£'000		£'000	
Productive works	-	-	3,054	2.4
Export sales organisations (including branches abroad)	500	2.6	426	0.3
Other wholesale or selling organisations	439	2.3	5,108	4.0
Retail shops, etc.	191	1.0	1,763	1.4
Total sales (or transfers) to other organisations under the same control	1,130	5.9	10,351	8.0
Sales to independent buyers				
Exports invoiced directly overseas	2,238	11.6	5,928	4.6
Exports invoiced to Crown Agents and purchasing houses in this country of individual firms and governments abroad	460	2.4	1,999	1.6
His Majesty's Government and Local Authorities (other than productive establishments)	282	1.5	15,980	12.4
Manufacturers, repairers, builders, mines, public utilities, and transport and other productive undertakings	31	0.2	50,495(a)	39.2
Wholesalers, merchants and other agents for resale or hire	5,985(b)	31.0	14,565(c)	11.3
Retailers, including commercial libraries, multiple shops, caterers and N.A.A.F.I., for resale	6,366	33.0	8,076	6.3
Other businesses (including farmers) and institutions of all kinds	959	5.0	18,356	14.2
Members of the public, including employees	1,855	9.6	3,163	2.5
Total sales to independent buyers	18,176	94.1	118,565	92.0
Total	19,306(d)	100.0	128,916(e)	100.0

(a) Including sales to publishers.

(b) Of this total £5,394,000 was recorded as divided between £897,000 for export and £4,497,000 for other sales.

(c) Of this total £11,464,000 was recorded as divided between £4,005,000 for export and £7,458,000 for other sales.

(d) This figure represents the total shown in Table 23 (1) A. (£20,113,000) less advertisement revenue from published matter (£508,000) and royalties received for reproduction rights, etc. and from editions printed and/or published overseas (£299,000).

(e) This figure represents the total shown in Table 23 (1) B. (£130,287,000) less advertisement revenue from published matter (£1,286,000) and royalties received for reproduction rights, etc. and from editions printed and/or published overseas (£106,000).

TABLE 12 - Production, exports and imports of certain principal products

Owing to differences in classification, no satisfactory comparison can be made between the recorded particulars of production and those of oversea trade.

## Purchased materials and fuel

## Larger establishment

TABLE 13

	1948 (a) (b)		1935 (c) (d)		1935 (c) (d)	
	A. Publishers (non-printing firms)		B. Printers, Bookbinders, etc.		B. Printers, Bookbinders, etc.	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th. cwts.	£'000	Th. cwts.	£'000	Th. cwts.	£'000
Materials						
Newsprint			92.0	216	379.6	208
			..	27	..	39
Stationery and writing paper purchased for printing	464.5	1,977	524.8	2,792	5,136.5	7,595 (e)
			..	495	..	2,176
Other paper for printing work			2,386.8	11,900		
			..	2,472		
Other paper (except packing materials)	..	(f)	305.5	1,434	..	(f)
			..	354		
Strawboard, cardboard, millboard or fibre-board (except packing materials)	1.7	7	739.9	1,865		
	..	7	..	388		
Printers' ink	..	(f)	64.4	1,405	89.3	951 (g)
			..	335	..	225
Bookbinders' cloth (including leather cloth)	Th. sq.yds. 401	45	Th. sq.yds. 9,756	1,153		
			..	516		
Type moulds (plastic or papier-mâché) and duplicate plates	..	41	..	77		
Process blocks	..	193	..	997		
Type	..	(f)	..	269		
Type metal	..	(f)	Th. cwts. 63.3	452	..	(f)
			..	95		
Copper and zinc sheets and plates	..	(f)	19.4	217		
			..	234		
Loose leaf metals	..	(f)	..	82		
Wire	..	(f)	6.9	29		
			..	15		
Glue	..	(f)	40.0	200		
			..	57		
Other bookbinding materials	..	(f)	..	584		

TABLE 13 (contd.)

	1948 (a) (b)		1935 (c) (d)		1935 (c) (d)	
	A. Publishers (non-printing firms)		B. Printers, Bookbinders, etc.		B. Printers, Bookbinders, etc.	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th. cwts.	£'000	Th. cwts.	£'000	Th. cwts.	£'000
Materials (contd.)						
Photographic materials	..	(f)	..	436		
Block mounting wood	..	(f)	..	71		
Loose printed sheets or bound books imported for publications	..	456	..	113		
Packing materials	Th. cwts.		Th. cwts.		..	6,795 (h)
Paper	16.1	28	55.1	162		
	..	8	..	61		
Other	..	66	..	311		
All other purchased materials	..	205	..	3,334		
Unclassified materials	-	-	..	3,856	-	-
Fuel and electricity	Th. tons		Th. tons		Th. tons	
Coal	0.5	2	43.6	136	56.7	68
Coke	1.0	4	43.2	162	41.6	62
Electricity purchased (1)	Th. B.T.U. (KW. hrs.)		Th. B.T.U. (KW. hrs.)		Th. B.T.U. (KW. hrs.)	
From public supply	1,388	15	104,758	663		
	..	4				
From other sources	-	-	966	6	99,361	483
Electricity obtained from other works under the same ownership	-	-	1,501	9		
Motor spirit (petrol) and derv. fuel	Th. galls.		Th. galls.		Th. galls.	
Used for road vehicles	52	5	755	78		
			..	8		
Used for other power purposes	-	-	345	17	..	(f)
Other oil fuel (including creosote/pitch mixtures)	49	2	2,100	80	2,018	36 (j)

TABLE 13 (contd.)

	1948 (a) (b)				1935 (c) (d)	
	A. Publishers (non-printing firms)		B. Printers, Bookbinders, etc.		B. Printers, Bookbinders, etc.	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
Fuel and electricity (contd.)	Th. therms	£'000	Th. therms	£'000	Th. therms	£'000
Gas purchased						
From public supply	94 Th. cu. ft. 314	5 -	3,728 Th. cu. ft. 44,788 ..	181 10 34		
From other sources	-	-	Th. therms 23 Th. cu. ft. 1,441	1 -	..	(f)
Gas obtained from other works under the same ownership	-	-	..	1		
All other purchased fuel	..	1	..	27		
Total		3,072		38,424		18,638

- (a) For materials and fuel purchased by small firms see Table 24(11).  
 (b) Great Britain only.  
 (c) United Kingdom.  
 (d) Recorded on the basis of usage of purchased materials and fuel.  
 (e) Including some paper other than for printing.  
 (f) Not recorded separately.  
 (g) So far as recorded separately.  
 (h) Including fuel not specified separately.  
 (i) The total quantity of electricity consumed in 1948 by printers, bookbinders, etc. was 114,506,000 B.T. units including 7,281,000 generated in the same works. No electricity generated in the same works by publishers (non-printing firms) was recorded.  
 (j) Described as "Heavy fuel oil".

## Stocks of finished products and work in progress and stocks of materials and fuel, 1948

## Larger establishments in Great Britain

## A. Publishers (non-printing firms)

TABLE 14

	Beginning of year	End of year
	£'000	£'000
Finished products (including books, whether bound or in sheets)	3,519	4,887
Materials (paper, board, cloth, etc.) and fuel	1,014	1,290

## B. Printers, Bookbinders, etc.

TABLE 14 (contd.)

	At beginning of year		At end of year	
	Quantity	Value	Quantity	Value
Finished products	..	£'000 3,753	..	£'000 4,682
Work in progress		6,340		6,921
Total finished products and work in progress		10,093		11,603
Materials and fuel	Th. cwts.		Th. cwts.	
Newsprint	21.7 ..	51 14	22.2 ..	59 17
All other paper and board (except packing materials)	1,271.4 ..	5,506 3,424	1,444.3 ..	6,448 4,070
Other descriptions of materials and fuel	..	3,052	..	3,901
Total materials and fuel		12,047		14,495

## Employment and remuneration

## Larger establishments

## A. Publishers (non-printing firms) (a)

TABLE 15

	Average number of operatives	Administrative, technical and clerical employees (b)	Total
	1948	1948	1948
Males			
Under 18	58	106	164
All ages	990	2,429	3,419
Females			
Under 18	38	345	383
All ages	367	2,312	2,679
Total			
Under 18	96	451	547
All ages	1,357	4,741(c)	6,098 (c) (d) (e)
Total remuneration	£'000 363	£'000 2,182	£'000 2,545

(a) Excluded employees. The following numbers were employed at establishments of non-printing publishers but are not included in the table or in any other report (e.g., employees in a separate selling or transport organisation for which separate accounts are kept):-

Canteen workers	1 male	26 females
Other workers	109 males	111 females

(b) Number at September 25, 1948.

(c) There were, in addition, 13 working proprietors (12 males and 1 female).

(d) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to £42,000.

(e) The following persons (included in this total) were employed on special work by establishments employing 100 or more persons:-

	Operatives	Administrative, technical and clerical employees
Transport of goods outside the premises	27	
Maintenance and repair of firms' buildings, but not plant	12	
Research work not directly connected with current production however charged	-	*

\* Owing to the risk of disclosure of information relating to individual firms this figure cannot be given.

In addition to the employees in the above table the non-printing publishers in this trade employed 3 male and 45 female outworkers, the amount paid to them being £5,000.

## B. Printers, Bookbinders, etc.

## (i) Private firms (a)

TABLE 15 (contd.)

	Average number of operatives		Administrative, technical and clerical employees (b)		Total	
	1948 (c)	1935 (d)	1948 (c)	1935 (d)	1948 (c)	1935 (d)
Males						
Under 18	8,104	11,464	610	1,248	8,714	12,712
All ages	78,696	90,295	14,856	16,520	93,552	106,815
Females						
Under 18	11,430	18,842	2,000	1,565	13,430	20,407
All ages	52,904	61,876	10,399	9,375	63,303	71,251
Total						
Under 18	19,534	30,306	2,610	2,813	22,144	33,119
All ages	131,600	152,171	25,255(e)	25,895	156,855 (e) (f) (g)	178,066
Total remuneration	£'000 35,617	..	£'000 11,223	..	£'000 46,840	..

(a) Excluded employees. The following numbers were employed at private establishments of printers, bookbinders, etc., but are not included in the table or in any other report (e.g., employees in a separate selling or transport organisation for which separate accounts are kept):-

Canteen workers	31 males	909 females
Other workers	895 males	816 females

(b) Number at September 25, 1948, and October 12, 1935.

(c) Great Britain only.

(d) United Kingdom.

(e) There were, in addition, 493 working proprietors (449 males and 44 females) in 1948. Working proprietors are included in the 1935 figures.

(f) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to £1,192,000.

(g) The following persons (included in this total) were employed on special work by establishments employing 100 or more persons:-

	Operatives	Administrative, technical and clerical employees
Transport of goods outside the premises	464	
Maintenance and repair of firms' buildings, but not plant	526	
Research work not directly connected with current production however charged	6	26

In addition to the employees in the above table the private establishments of printers, bookbinders, etc. employed 59 male and 897 female outworkers in 1948, the amount paid to them being £72,000. Similar information is not available for 1935.

B. Printers, Bookbinders, etc.  
(ii) Government Departments (a)

TABLE 15 (contd.)

	Average number of operatives		Administrative, technical and clerical employees (b)		Total	
	1948	1935	1948	1935	1948	1935
<b>Males</b>						
Under 18	107	46	2	1	109	47
All ages	3,156	1,415	668	221	3,824	1,636
<b>Females</b>						
Under 18	70	79	6	3	76	82
All ages	1,010	941	222	50	1,232	991
<b>Total</b>						
Under 18	177	125	8	4	185	129
All ages	4,166	2,356	890	271	5,056 (c)(d)	2,627
	£'000		£'000		£'000	
Total remuneration	1,411	..	378	..	1,789	..

(a) Excluded employees. The following numbers were employed at Government establishments of printers, bookbinders, etc. but are not included in the table or in any other report:-

Canteen workers - males 17 females

(b) Number at September 25, 1948, and October 12, 1935.

(c) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to £46,000.

(d) The following persons (included in this total) were employed on special work by establishments employing 100 or more persons:-

	Operatives	Administrative, technical and clerical employees
Transport of goods outside the premises	2	
Maintenance and repair of firms' buildings, but not plant	3	
Research work not directly connected with current production however charged	8	2

Wages and salaries paid, 1948 (a)  
Larger establishments in Great Britain  
A. Publishers (non-printing firms)

TABLE 16

	Amount paid by all establishments	Amount paid	Establishments making returns for the calendar year				
			Percentage of annual remuneration paid in				
			First quarter	Second quarter	Third quarter	Fourth quarter	Year
Wages and salaries of	£'000	£'000					
Operatives	363	186	24.2	23.7	24.0	28.1	100.0
Administrative, technical and clerical employees	2,182	1,202	22.7	25.8	23.3	28.2	100.0
<b>Total</b>	<b>2,545</b>	<b>1,388</b>	<b>22.9</b>	<b>25.5</b>	<b>23.4</b>	<b>28.2</b>	<b>100.0</b>

## B. Printers, Bookbinders, etc.

TABLE 16 (contd.)

	Amount paid by all establishments	Amount paid	Establishments making returns for the calendar year				
			Percentage of annual remuneration paid in				
			First quarter	Second quarter	Third quarter	Fourth quarter	Year
Wages and salaries of	£'000	£'000					
Operatives	37,028	14,618	23.6	24.9	24.9	26.6	100.0
Administrative, technical and clerical employees	11,601	4,475	23.8	24.7	24.2	27.2	100.0
<b>Total</b>	<b>48,629</b>	<b>19,093</b>	<b>23.6</b>	<b>24.8</b>	<b>24.8</b>	<b>26.8</b>	<b>100.0</b>

(a) Including bonus and commission payments.

## Payments for work done on materials given out, 1948

## Larger establishments in Great Britain

TABLE 17

	A. Publishers (non-printing firms)	B. Printers, Bookbinders, etc.
	Amount paid	Amount paid
	£'000	£'000
Printing work (including binding, where not paid for separately)		
Books	5,077	1,347
Newspapers, magazines, reviews, trade journals and similar periodicals	195	490
Music	152	13
Other printing work	323	4,948
Bookbinding not included above		
Printed books	2,713	483
Other	30	564
Other work	134	2,074
<b>Total</b>	<b>8,625</b>	<b>9,919</b>

## Payments for certain services, 1948

## Larger establishments in Great Britain

TABLE 18

	A. Publishers (non-printing firms)	B. Printers, Bookbinders, etc.
	Amount paid	Amount paid
	£'000	£'000
Repair and maintenance		
Of buildings	34	592
Of plant, machinery and vehicles	12	1,083
Unclassified	29	475
Hire of plant, machinery and vehicles	23	145
Advertising and market research		
Advertising in newspapers, magazines and periodicals	180	96
Other advertising services (poster display, despatch of circulars, etc.) and market research	53	54
Unclassified	142	107
Payments made for research		
To research associations	1	18
To universities, institutions, academic bodies and similar agencies	-	4
To other commercial concerns	1	19
Postage, telephone, telegrams and cables	244	681
Commercial insurance premiums	46	574
Rates (excluding water rates) payable in the year	46	259

## Plant, machinery and vehicles acquired and disposed of, 1948

## Larger establishments in Great Britain

TABLE 19

	A. Publishers (non-printing firms)			B. Printers, Bookbinders, etc.		
	Acquisitions		Disposals	Acquisitions		Disposals
	New	Second-hand		New	Second-hand	
	£'000	£'000	£'000	£'000	£'000	£'000
Plant and machinery	27	2	1	3,921	478	327
Vehicles	20	14	7	248	139	77
Total	47	16	8	4,169	617	404

## Capital expenditure on building work and changes in occupation of buildings and land, 1948

## Larger establishments in Great Britain

TABLE 20

	A. Publishers (non-printing firms)		B. Printers, Bookbinders, etc.	
	£'000	£'000	£'000	£'000
1. Capital expenditure on building work (a)		18		810
2. Existing buildings and land (b)				
(1) Capital cost of freeholds bought			319	
Estimated capital value of		37		
(11) Rented property newly occupied in the year (c)			646	
(111) Leasehold buildings and land newly occupied in the year		228		467
Total of heading 2		264		1,432
Total of headings 1 and 2		282		2,242
3. Existing buildings and land relinquished (d)				
(1) Selling value of freeholds sold		59		165
(11) Estimated value of other properties relinquished		175		138
Total of heading 3		234		303
4. Headings 1 and 2 less heading 3		48		1,939

- (a) Excluding site value which, where appropriate, is included in heading 2 (1).  
 (b) The figures do not reflect changes in ownership of previously occupied land and buildings.  
 (c) Property which is occupied under an agreement for the payment of rent without the purchase of a lease or the payment of a premium.  
 (d) Including property destroyed or abandoned.

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Note - There were no larger establishments in Wales in the register of non-printing publishers.

## Summary

## Larger establishments (a)

TABLE 21

	A. Publishers (non-printing firms)			B. Printers, Bookbinders, etc.			
	England	Scotland	Great Britain	England	Wales	Scotland	Great Britain
Gross output (production)	20,904	467	21,371	117,502	683	12,860	131,045
Cost of materials and fuel used	2,713	83	2,796	32,082	201	3,694	35,976
Payment for work done on materials given out	8,447	178	8,625	9,102	20	797	9,919
Authors' royalties, copyright payments, payments to contributors, and editorial, artists' and readers' fees (less payments received from authors)	2,329	35	2,364	265	1	314	579
Net output	7,415	171	7,586	76,054	462	8,056	84,571
Wages and salaries of persons employed	2,482	63	2,545	43,692	272	4,664	48,629
Average number of persons employed (b)	5,969	142	6,111	143,589	1,112	17,723	162,404
Net output per person employed (b)	£ 1,242	£ 1,206	£ 1,241	£ 530	£ 415	£ 455	£ 521
Stocks at end of year	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Finished products and work in progress	4,768	119	4,887	9,612	42	1,949	11,603
Materials and fuel	1,253	37	1,290	12,951	70	1,473	14,495
Number of establishments	No. 115	No. 5	No. 120	No. 2,160	No. 31	No. 207	No. 2,398

(a) For small firms' summary see Table 22.

(b) Excluding outworkers.

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TABLE 21 (contd.)

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

	A. Publishers (non-printing firms)			B. Printers, Bookbinders, etc.			
	England	Scotland	Great Britain	England	Wales	Scotland	Great Britain
	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Output of firms in this trade							
Total value of sales and work done (see Table 23(1))	19,678	435	20,113	116,911	685	12,691	130,287
Adjustment for changes in stocks and work in progress	+1,336	+32	+1,367	+1,209	+1	+300	+1,509
	21,013	467	21,480	118,120	686	12,991	131,796
Less payment for transport by other firms	109	-	109	619	3	131	752
Gross output (production)	20,904	467	21,371	117,502	683	12,860	131,045
Materials and fuel used by firms in this trade							
Purchases (see Table 24(1))	2,981	91	3,072	34,321	207	3,897	38,424
Adjustment for changes in stocks	-268	-8	-276	-2,238	-7	-203	-2,448
Materials and fuel used	2,713	83	2,796	32,082	201	3,694	35,976

## Summary

## Small firms

TABLE 22

	A. Publishers (non-printing firms)			B. Printers, Bookbinders, etc.			
	England and Wales(a)	Scotland	Great Britain	England	Wales	Scotland	Great Britain
	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Gross output (sales and work done)	2,871	123	2,994	9,478	299	672	10,449
Cost of materials and fuel purchased during the year	355	21	376	2,697	77	176	2,950
Payment for work done on materials given out	1,616	69	1,686	808	19	59	886
Net output (b)	900	33	932	5,973	203	436	6,613
Average number of persons employed (c)	No. 966	No. 71	No. 1,037	No. 14,774	No. 614	No. 1,248	No. 16,636
Net output per person employed	£ 931	£ 458	£ 899	£ 404	£ 331	£ 350	£ 398
Number of returns	No. 210	No. 14	No. 224	No. 2,884	No. 142	No. 246	No. 3,272

- (a) Owing to the risk of disclosure of information relating to individual firms separate particulars for Wales cannot be given.
- (b) The values of gross output (sales) and of materials and fuel purchased, for small firms, are not adjusted for changes in stocks during the year, nor is information available about payments for transport by other firms. The amounts of net output of small firms are, therefore, not strictly comparable with those of larger establishments shown in Table 21.
- (c) Including working proprietors.

## Sales and work done in the trade

## Larger establishments (a)

## A. Publishers (non-printing firms)

TABLE 23 (i)

	England		Scotland		Great Britain	
	Quantity	Value £'000	Quantity	Value £'000	Quantity	Value £'000
Principal products						
Published matter						
Printed books	..	17,769(b)	..	406(b)	..	18,174(b)
Music	Th.doz.	329	-	-	..	329
Diaries	7	32(b)	-	-	7	32(b)
Christmas cards and greeting cards	Th.gross	344	-	-	344	320
Calendars	15	39	-	-	15	39
	..	10	-	-	..	10
Picture postcards	Th.doz.	1,625	-	-	1,625	77
Other published matter (excluding newspapers, magazines, reviews, trade journals and similar periodicals)	..	180(b)	-	-	..	180(b)
Royalties, etc., received from editions printed and/or published overseas		136		1		137
Other royalties and receipts for reproduction rights, etc.		(c)		(c)		162
Total principal products		(c)		(c)		19,461
Other output					Million	
Newspapers, magazines, reviews, trade journals and similar periodicals	..	(c)	..	(c)	12.5	493(b)
Other manufactures of paper or cardboard	..	27	-	-	..	121
Work done		11		-		27
						11
Total		19,678		435		20,113

## B. Printers, Bookbinders, etc.

TABLE 23 (i) (contd.)

	England and Wales			Scotland			Great Britain		
	Printed and published		Printed for other United Kingdom commercial publishers	Printed and published		Printed for other United Kingdom commercial publishers	Printed and published		Printed for other United Kingdom commercial publishers
	Quantity	Value	Value	Quantity	Value	Value	Quantity	Value	Value
Principal products		£'000	£'000		£'000	£'000		£'000	£'000
Published matter									
Printed books	..	5,271(b)	5,843	..	2,613(b)	1,069	..	7,884(b)	6,913
Music	..	(c)	(c)	..	(c)	(c)	..	156	485
Diaries	Th.doz.	944	837(b)	(c)	260	246(b)	(c)	1,204	1,082(b)
	Th.gross			Th.gross			Th.gross		
Christmas cards and greeting cards	1,595	1,663	708	377	455	67	1,972	2,118	775
	..	604		..	2		..	807	
Calendars	167	666(b)	320	59	203	67	226	869(b)	387
	..	335		..	2		..	337	
Picture postcards	..	(c)	192	..	(c)	3	Th.doz.	8,143	454
							..	52	195
Other published matter (excluding newspapers, magazines, reviews, trade journals and similar periodicals)	..	2,027(b)	778	..	286(b)	113	..	2,312(b)	890
Royalties, etc., received from editions printed and/or published overseas		(c)			(c)			15	
Other royalties and receipts for reproduction rights, etc.		89			2			91	
Other goods sold and work done	Quantity	Value	Value	Quantity	Value	Value	Quantity	Value	Value
	Th.cwts.	£'000	£'000	Th.cwts.	£'000	£'000	Th.cwts.	£'000	£'000
Manuscript books									
Account books, etc.	29.2	498		1.3	31		30.5	529	
	..	971		..	263		..	1,234	
Other manuscript books, stapled, etc. (e.g., school exercise books, duplicate books)	161.3	1,696		6.9	46		168.2	1,743	
	..	1,108		..	309		..	1,418	
Albums and the like; and playing cards	..	416		..	13		..	429	
Tickets, show cards and posters, mounted or not; and paper transfers	..	3,299		..	134		..	3,433	

## B. Printers, Bookbinders, etc. (contd.)

TABLE 23(i) (contd.)

	England and Wales		Scotland		Great Britain	
	Main materials supplied by customers	Main materials supplied by firms doing the work	Main materials supplied by customers	Main materials supplied by firms doing the work	Main materials supplied by customers	Main materials supplied by firms doing the work
	Value £'000	Value £'000	Value £'000	Value £'000	Value £'000	Value £'000
Principal products (contd.)						
Other goods sold and work done (contd.)						
Lithographic, chromolitho and type-litho printing						
Posters	(c)	1,320	(c)	18	152	1,338
Other	1,134	11,009	22	964	1,156	11,973
Photogravure printing; blue printing, dye line printing and similar photographic printing; and other photographic printing, not elsewhere specified	1,448	1,340	-	35	1,448	1,375
Copper and steel printing	143	(c)	-	(c)	143	1,285
Silk screen printing						223
General printing, not included elsewhere						
Catalogues, trade lists and advertising materials	314	6,721	5	369	318	7,090
Forms for loose leaf binders	36	1,824	2	82	38	1,906
Tabulating machine cards	(c)		(c)		24	
Other general printing	1,961	32,114	125	2,049	2,086	34,163
Machine ruling	665	465	126	103	791	568
Binding (including re-binding)		4,221		601		4,822
Stitching, folding, cutting, etc.	181	536	15	127	196	664
Stereotyping and electrotyping	(c)	801	(c)	16	9	817
Engraving of blocks, plates, etc.						
Wood blocks (relief work)	-	112	-	-	-	112
Steel and copper plates (intaglio work)		(c)		(c)		224
Plastic plates	(c)	56	(c)	-	65	56
Process blocks (relief work)		3,481		93		3,574
Photo-litho off-set plates; die sinking; relief stamping; and engraving name plates, labels, dials, scales, memorial plates, etc.	228	1,286	49	69	276	1,356
Gilding, blocking, stamping, lettering, etc.	18	92	1	3	19	94
Typesetting; and tin printing	110	1,487	2	28	112	1,515
Other and unclassified work	60	384	4	12	65	396
Waste products, other than waste paper and board or scrap metals		£'000 80		£'000 7		£'000 86
Total principal products	103,990		11,196		115,186	

## B. Printers, Bookbinders, etc. (contd.)

TABLE 23(i) (contd.)

	England and Wales		Scotland		Great Britain	
	Quantity	Value	Quantity	Value	Quantity	Value
	Million	£'000	Million	£'000	Million	£'000
Other output						
Newspapers, magazines, reviews, trade journals and similar periodicals						
Printed and published	52.1	1,079(b)	6.3	105(b)	58.4	1,184(b)
Printed for other United Kingdom commercial publishers	..	979	..	94	..	1,073
Printed for other United Kingdom commercial publishers	..	4,097	..	287	..	4,383
Boxes and cartons of paper and cardboard	Th.cwts.		Th.cwts.		Th.cwts.	
Rigid boxes (including rigid boxes delivered in the flat, and round boxes)	32.7	214	..	25	32.7	214
Cartons	79.3	505	5.1	33	84.4	538
Fibre-board packing cases	..	(c)	..	(c)	..	48
Paper bags	..	(c)	..	(c)	..	48
Envelopes	32.6	314	4.6	49	37.2	363
Notepaper and pads	16.6	234	4.3	42	20.8	277
Boxed stationery and compendiums	0.9	10	0.1	1	1.0	11
Jam pot covers and discs, bottle caps, milk discs, etc.	..	(c)	..	(c)	..	61
Counter check books, continuous invoice forms and the like	7.9	104	-	-	7.9	104
Loose leaf binders	8.1	168	0.2	15	8.3	183
Other and unclassified manufactures of paper or cardboard	..	2,321	..	145	..	2,466
Metal manufactures (including rubber stamps)	..	105	..	2	..	107
Other goods sold and work done	..	286	..	76	..	361
Waste products sold	..	277	..	28	..	305
Paper and board	..	277	..	28	..	305
Scrap metal	..	29	..	-	..	29
Total value of sales and work done by printers, bookbinders, etc.		117,596		12,691		130,287

(a) For output of small firms see Table 23(11).

(b) Including net charges for advertisements. The total amounts of advertisement revenue recorded were as follows:-

	Publishers (non-printing firms)		Printers, Bookbinders, etc.	
	Great Britain	England and Wales	Scotland	Great Britain
	£'000	£'000	£'000	£'000
Newspapers, magazines, reviews, trade journals and similar periodicals	176	546	78	622
Other classes of published matter	331	639	5	644

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

## PAPER AND PRINTING COUNTRY TABLES

Sales and work done in the trade

Small firms

## A. Publishers (non-printing firms)

TABLE 23 (ii)

	England and Wales	Scotland	Great Britain
	£'000	£'000	£'000
Principal products			
Printed books (a)	2,379	113	2,492
All other published matter (excluding newspapers, magazines, reviews, trade journals and similar periodicals)	(b)	(b)	257
Royalties received for reproduction rights, etc., or from editions printed and/or published overseas	(b)	(b)	14
Total principal products	2,648	116	2,763
Other output			
Newspapers, magazines, reviews, trade journals and similar periodicals (a)	140	7	147
Other work done or goods made	83	1	84
Total	2,871	123	2,994

- (a) Including advertisement revenue amounting to £76,000 for printed books and £42,000 for newspapers, magazines, reviews, trade journals and similar periodicals. Owing to the risk of disclosure of information relating to individual firms separate figures of advertisement revenue cannot be given for England and Wales and for Scotland.
- (b) Owing to the risk of disclosure of information relating to individual firms separate figures cannot be given.

## B. Printers, Bookbinders, etc.

TABLE 23 (ii) (contd.)

	England and Wales	Scotland	Great Britain
	£'000	£'000	£'000
Principal products			
Printing for customers	8,036	532	8,568
Other work done or goods made (except newspapers, magazines, journals, etc.)	1,616	125	1,742
Total principal products	9,652	657	10,309
Other output			
Newspapers, magazines, journals, etc.			
Sales revenue	80	6	86
Advertisement revenue	46	9	55
Total	9,777	672	10,449

## PRINTING AND PUBLISHING, BOOKBINDING, ENGRAVING, ETC. COUNTRY TABLES

Purchased materials and fuel

Larger establishments (a)

## A. Publishers (non-printing firms)

TABLE 24 (i)

	England		Scotland		Great Britain	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th.cwts.	£'000	Th.cwts.	£'000	Th.cwts.	£'000
Materials						
Paper for printing work	450.2	1,917	14.3	60	464.5	1,977
Strawboard, cardboard, millboard or fibre-board (except packing materials)	..	(b)	..	(b)	1.7	7
					..	7
					Th.sq.yds.	
Bookbinders' cloth (including leather cloth)	..	(b)	..	(b)	401	45
Type moulds (plastic or papier mache) and duplicate plates	..	(b)	..	(b)	..	41
Process blocks	..	183	..	9	..	193
Loose printed sheets or bound books imported for publication	..	456	-	-	..	456
					Th.cwts.	
Packing materials						
Paper	16.1	23	-	-	16.1	28
	..	8			..	8
Other	..	65	..	1	..	66
All other purchased materials	..	201	..	4	..	205
	Th.tons				Th.tons	
Fuel and electricity						
Coal	0.5	2	-	-	0.5	2
Coke	1.0	4	-	-	1.0	4
	Th.B.T.U. (kW.hrs.)		Th.B.T.U. (kW.hrs.)		Th.B.T.U. (kW.hrs.)	
Electricity purchased (c)						
From public supply	1,361	15	27	-	1,388	15
	..	4			..	4
From other sources	-	-	-	-	-	-
Electricity obtained from other works under the same ownership	-	-	-	-	-	-

## A. Publishers (non-printing firms) (contd.)

TABLE 24 (1) (contd.)

	England		Scotland		Great Britain	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th. galls.	£'000	Th. galls.	£'000	Th. galls.	£'000
Fuel and electricity (contd.)						
Motor spirit (petrol) and deriv. fuel						
Used for road vehicles	49	5	2	-	52	5
Used for other power purposes	-	-	-	-	-	-
Other oil fuel (including creosote/pitch mixtures)	49	2	-	-	49	2
	Th. therms		Th. therms		Th. therms	
Gas purchased						
From public supply	92 Th. cu. ft. 314	5	1 Th. cu. ft. -	-	94 Th. cu. ft. 314	5
From other sources	-	-	-	-	-	-
Gas obtained from other works under the same ownership	-	-	-	-	-	-
All other purchased fuel	..	1	..	-	..	1
Total		2,981		91		3,072

(a) For materials and fuel purchased by small firms see Table 24(11).

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

(c) No electricity generated in the same works was recorded

## Purchased materials and fuel

## Larger establishments, (a)

## B. Printers, Bookbinders, etc.

TABLE 24(i) (contd.)

	England and Wales		Scotland		Great Britain	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th. cwts.	£'000	Th. cwts.	£'000	Th. cwts.	£'000
Materials						
Newsprint	87.6 ..	206 24	4.3 ..	10 3	92.0 ..	216 27
Stationery and writing paper purchased for printing	479.0 ..	2,552 417	45.8 ..	240 78	524.8 ..	2,792 495
Other paper for printing work	2,189.3 ..	10,984 2,267	197.6 ..	917 206	2,386.8 ..	11,900 2,472
Other paper (except packing materials)	276.3 ..	1,290 321	29.2 ..	144 33	305.5 ..	1,434 354
Strawboard, cardboard, millboard or fibre-board (except packing materials)	647.6 ..	1,676 348	92.3 ..	189 40	739.9 ..	1,865 388
Printers' ink	59.6 ..	1,274 317	4.8 ..	131 18	64.4 ..	1,405 335
	Th. sq. yds.		Th. sq. yds.		Th. sq. yds.	
Bookbinders' cloth (including leather cloth)	7,647 ..	917 420	2,108 ..	236 96	9,756 ..	1,153 518
Type moulds (plastic or papier-mache) and duplicate plates	..	70	..	6	..	77
Process blocks	..	871	..	126	..	997
Type	..	254	..	15	..	269
	Th. cwts.		Th. cwts.		Th. cwts.	
Type metal	60.1 ..	427 87	3.2 ..	25 8	63.3 ..	452 95
Copper and zinc sheets and plates	17.8 ..	206 226	1.6 ..	11 8	19.4 ..	217 234
Loose leaf metals	..	74	..	9	..	82
Wire	5.9 ..	26 14	1.0 ..	3 2	6.9 ..	29 15
Glue	34.2 ..	172 36	5.7 ..	27 21	40.0 ..	200 57
Other bookbinding materials	..	529	..	55	..	584
Photographic materials	..	389	..	47	..	436
Block mounting wood	..	(b)	..	(b)	..	71
Loose printed sheets or bound books imported for publication	..	(b)	..	(b)	..	118

## B. Printers, Bookbinders, etc. (contd.)

TABLE 24(i)(contd.)

	England and Wales		Scotland		Great Britain	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th. cwts.	£'000	Th. cwts.	£'000	Th. cwts.	£'000
Materials (contd.)						
Packing materials						
Paper	43.5	135	11.7	27	55.1	162
Other	..	282	..	28	..	311
All other purchased materials	..	3,076	..	257	..	3,334
Unclassified materials	..	3,191	..	665	..	3,856
Fuel and electricity						
Coal	35.6	112	8.0	25	43.6	136
Coke	40.9	154	2.4	8	43.2	162
Electricity purchased (c)						
From public supply	94,775	612	9,983	51	104,758	663
From other sources	966	6	-	-	966	6
Electricity obtained from other works under the same ownership	1,501	9	-	-	1,501	9
Motor spirit (petrol) and deriv. fuel						
Used for road vehicles	713	74	42	5	755	78
Used for other power purposes	342	17	3	-	345	17
Other oil fuel (including creosote/pitch mixtures)	2,083	79	17	1	2,100	80
Gas purchased						
From public supply	3,421	168	307	13	3,728	181
From other sources	33,728	9	11,080	2	44,788	10
Gas obtained from other works under the same ownership	..	30	..	3	..	34
All other purchased fuel	..	(b)	..	(b)	..	1
Gas obtained from other works under the same ownership	..	1	-	-	..	1
All other purchased fuel	..	22	..	5	..	27
Total		34,529		3,897		38,424

- (a) For materials and fuel purchased by small firms see Table 24(11).  
 (b) Owing to the risk of disclosure of information relating to individual firms separate figures cannot be given.  
 (c) The total quantity of electricity consumed in England and Wales was 104,403,000 B.T. units including 7,161,000 generated in the same works. The total quantity of electricity consumed in Scotland was 10,103,000 B.T. units including 120,000 generated in the same works.

## Purchased materials and fuel

## Small firms

TABLE 24(11)

	England and Wales		Scotland		Great Britain	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th. cwts.	£'000	Th. cwts.	£'000	Th. cwts.	£'000
Paper for printing						
A. Publishers (non-printing firms)	46.7	232	3.5	18	50.2	251
B. Printers, bookbinders, etc.	271.2	1,958	16.6	122	287.8	2,080
All other purchased materials, fuel and electricity						
A. Publishers (non-printing firms)	..	123	..	3	..	125
B. Printers, bookbinders, etc.	..	816	..	54	..	870
Total						
A. Publishers (non-printing firms)		355		21		376
B. Printers, bookbinders, etc.		2,774		176		2,950

## Employment and remuneration

## Larger establishments (a)

## A1 Publishers (non-printing firms)

TABLE 25(i)

	England			Scotland			Great Britain		
	Average number of operatives	Administrative, technical and clerical employees (b)	Total	Average number of operatives	Administrative, technical and clerical employees (b)	Total	Average number of operatives	Administrative, technical and clerical employees (b)	Total
Males									
Under 18	55	103	158	3	3	6	58	106	164
All ages	958	2,372	3,330	32	57	89	990	2,429	3,419
Females									
Under 18	38	341	379	-	4	4	38	345	383
All ages	352	2,274	2,626	15	38	53	367	2,312	2,679
Total									
Under 18	93	444	537	3	7	10	96	451	547
All ages	1,310	4,646 (c)	5,956 (c) (d)	47	95 (c)	142 (c) (d)	1,357	4,741 (c)	6,098 (c) (d)
Total remuneration	£'000 353	£'000 2,129	£'000 2,482	£'000 10	£'000 53	£'000 63	£'000 363	£'000 2,182	£'000 2,545

(a) For employment in small firms see Table 25(11).

(b) Number at September 25, 1948.

(c) There were, in addition, 13 working proprietors (12 males and 1 female), all in England.

(d) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to a total of £42,000; £41,000 for England, and £1,000 for Scotland.

In addition to the employees in the above table non-printing publishers in this trade employed outworkers whose numbers and remuneration are set out below.

	Average number of outworkers employed			Total amount paid to outworkers £'000
	Males	Females	Total	
England	3	45	48	5
Scotland	-	-	-	-
Great Britain	3	45	48	5

## Employment and remuneration

## Larger establishments (a)

## B. Printers, Bookbinders, etc.

## Private firms (b)

TABLE 25(i) (contd.)

	England and Wales			Scotland			Great Britain		
	Average number of operatives	Administrative, technical and clerical employees (c)	Total	Average number of operatives	Administrative, technical and clerical employees (c)	Total	Average number of operatives	Administrative, technical and clerical employees (c)	Total
Males									
Under 18	7,319	535	7,854	785	75	860	8,104	610	8,714
All ages	72,266	13,298	85,564	6,430	1,558	7,988	78,696	14,856	93,552
Females									
Under 18	9,137	1,660	10,797	2,293	340	2,633	11,430	2,000	13,430
All ages	44,998	8,635	53,633	7,906	1,764	9,670	52,904	10,399	63,303
Total									
Under 18	16,456	2,195	18,651	3,078	415	3,493	19,534	2,610	22,144
All ages	117,264	21,933 (d)	139,197 (d) (e)	14,336	3,322 (d)	17,658 (d) (e)	131,600	25,255 (d)	156,855 (d) (e)
Total remuneration	£'000 32,331	£'000 9,844	£'000 42,175	£'000 3,286	£'000 1,379	£'000 4,664	£'000 35,617	£'000 11,223	£'000 46,840

(a) For employment in small firms see Table 25(11).

(b) For Government Departments see Table 15(11). There were no larger Government establishments in Scotland or Wales in the register for this trade.

(c) Number at September 25, 1948.

(d) There were, in addition, 493 working proprietors (449 males and 44 females) in Great Britain; 391 males and 37 females in England and Wales, and 58 males and 7 females in Scotland.

(e) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to a total of £1,192,000; £1,064,000 for England and Wales, and £127,000 for Scotland.

In addition to the employees in the above table the private firms in this trade (other than non-printing publishers) employed outworkers whose numbers and remuneration are set out below.

	Average number of outworkers employed			Total amount paid to outworkers £'000
	Males	Females	Total	
England and Wales	56	895	951	72
Scotland	3	2	5	-
Great Britain	59	897	956	72

## Employment (a)

## Small firms

TABLE 25(ii)

	England and Wales		Scotland		Great Britain	
	A. Publishers (non-printing firms)	B. Printers, Bookbinders, etc.	A. Publishers (non-printing firms)	B. Printers, Bookbinders etc.	A. Publishers (non-printing firms)	B. Printers, Bookbinders etc.
Males						
Under 18	19	1,952	2	106	21	2,058
All ages	583	11,914	50	834	633	12,748
Females						
Under 18	37	673	7	98	44	771
All ages	383	3,474	21	414	404	3,888
Total						
Under 18	56	2,625	9	204	65	2,829
All ages	966	15,388	71	1,248	1,037	16,636

(a) Average number employed, including working proprietors.

Monthly index of employment of operatives: Larger establishments  
(average employment in 1948 = 100)

TABLE 26

Month	A. Publishers (non-printing firms)			B. Printers, Bookbinders, etc.		
	Monthly index (a)			Monthly index (a)		
	England	Scotland	Great Britain	England and Wales	Scotland	Great Britain
1948						
January	99.2	101.1	99.3	99.3	100.7	99.5
February	99.7	101.1	99.8	99.4	99.9	99.5
March	100.5	97.8	100.4	99.4	99.5	99.4
April	101.4	94.4	101.0	99.9	99.7	99.9
May	101.2	94.4	100.9	99.5	99.5	99.5
June	98.9	97.8	98.9	99.4	98.6	99.3
July	99.4	97.8	99.3	98.7	99.7	98.9
August	99.6	101.1	99.6	100.3	100.5	100.3
September	98.9	104.5	99.2	101.0	100.4	100.9
October	99.9	104.5	100.1	101.2	100.4	101.1
November	101.0	104.5	101.2	101.2	100.9	101.1
December	100.2	101.1	100.3	100.7	100.3	100.6
Percentage employment in this trade covered by the index	46.6	63.8	47.2	38.2	48.4	39.3

(a) The index numbers are calculated from the number of operatives employed in one week in each month returned by larger establishments that made returns for the calendar year 1948.



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