



BOARD OF TRADE

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[HA 251]

Report on the Census of Production 1963

118

General printing, publishing, bookbinding,
engraving, etc

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

Notes

These notes give the main information needed for interpreting the figures in the industry reports. (More detailed information about the Census is given in a separate booklet - 'Introductory Notes': Part 1 of the Report on the Census of Production for 1963.)

GENERAL INFORMATION

Changes in the 1963 census

There were few changes resulting from amendments to the Standard Industrial Classification and only minor changes in the scope of certain industry reports compared with 1958. Any such changes are explained in the introductions to the industry reports concerned or by footnotes to the tables.

Industrial Classification

Establishments were classified to industries on the basis of major activity in conformity with the second edition of the Standard Industrial Classification (Consolidated Edition 1963, incorporating Amendment 1). Each industry was basically defined in terms of its principal products, these being of a similar nature or commonly associated in production. Normally, an establishment was classified to an industry if its sales of the principal products of that industry accounted for a greater proportion of its total sales than did its sales of the principal products of any other industry. However, where the application of this rule would have resulted in a change of classification between 1958 and 1963, the establishment was reclassified only if the sales of principal products of the newly predominant industry was more than one third greater than the sales of principal products of the previously predominant industry. This modification of the general rule was introduced for 1958 to avoid discontinuities which would result from marginal changes in sales between successive censuses.

The principle of classification by major output was also normally followed in compiling the analysis by sub-divisions of an industry. In certain industries, classification was dealt with in a different way. Details of any non-standard treatment are given in the introductions to the relevant industry reports.

TERMS USED IN THE CENSUS REPORT

Average number employed

Firms were required to state the number of persons on the payroll (i.e. whose National Insurance cards were held by them) on the average during the year of return, whether full-time or part-time employees. Separate figures were required for (a) administrative, technical and clerical employees and (b) operatives (see below). Averages could be calculated from figures relating to the last week of each calendar month; figures shown in respect of the average number employed relate to the sum of these averages. Firms were also required to state the number of working proprietors (see below) where appropriate and these are included in total employment figures. Outworkers are excluded.

The figures include persons engaged in merchanting or factoring and canteen workers where particulars in respect of these activities could not be excluded from the return.

Working Proprietors

These include all persons regarded as 'self-employed' for National Insurance purposes, and members of their families who worked in the business without receiving a fixed wage or salary; but persons who worked less than half the normal number of working hours are excluded. For Great Britain, directors working in the business but not in receipt of a definite wage, salary or commission are included under this heading for 1963, but are excluded for 1958. For Northern Ireland, directors of limited companies, other than those paid by fee only, are included for both years. (Directors paid by fee only are not included in any of the employment figures for either year.)

Employees

- (i) Administrative, technical and clerical employees include managers, superintendents and works foremen; research, experimental, development, technical and design employees (other than operatives); draughtsmen and tracers; editorial staff, staff reporters, canvassers, competition and advertising staff; travellers; and office (including works office) employees. For Great Britain, but not for Northern Ireland, they include also managing and other directors in receipt of a definite wage, salary or commission.
- (ii) Operatives include all other classes of employees, that is, broadly speaking, all manual wage earners. They include those employed in and about the factory or works; operatives employed in power houses, transport work, stores, warehouses, shops and canteens; inspectors, viewers and similar workers; maintenance workers; and cleaners. Operatives engaged in outside work of erection, fitting, etc. are also included, but outworkers (i.e. persons employed by the firm who worked in their own homes, etc. on materials supplied by the firm) are excluded. Information about the numbers of outworkers employed was collected only for the gloves industry.

Capital Expenditure

- (i) New building work.

This represents the cost incurred during the year of new building and other new constructional work (including office buildings, canteens and the like used in connection with the business covered by the return but not dwelling houses for employees). The value is that charged to capital account during the year of return; it includes expenditure on new buildings or on the extension or reconstruction of old buildings, the value of work of a capital nature carried out by firms' own staff, and the cost of any newly constructed buildings purchased. The figures shown include any legal charges, stamp duties, agents' commissions, etc.

This Report on the General Printing, Publishing, Bookbinding, Engraving, etc., Industry relates to establishments engaged wholly or mainly in printing and publishing books, maps, music, religious tracts, almanacs, etc.; general printing; printing of banknotes, postage stamps, tickets, Christmas cards, playing cards, etc.; letterpress bookbinding, book repairing, die sinking, relief stamping, etching and engraving printing plates and rollers and printing on metal, etc. Publishers of books who do not do their own printing are included but the printing and publishing of newspapers and periodicals is excluded.

This industry corresponds to minimum list heading 489 in the Standard Industrial Classification (Consolidated edition, 1963).

In this industry, where small firms account for a relatively large proportion of employment and output, a sample of firms employing fewer than twenty-five persons was asked to complete a simplified version of the full census form for 1963; estimates based on the information received from these small firms are given in Tables 2(ii) and 5(i).

The Report on the 1958 census for this industry was divided into two parts, viz. Printers, Bookbinders etc. and Publishers (non-printing firms) but this division has been discontinued for 1963. This report follows the standard form except for Table 3 which, in addition to showing the size analysis of larger firms for the industry as a whole, gives a separate size analysis for Publishing (non-printing); Publishing/printing; Printing (non-publishing).

METHOD OF CLASSIFICATION

In classifying returns to this industry the standard procedure was followed except that amounts received by way of royalties and receipts for reproduction rights, etc., were treated equally as principal products of this industry and of the Printing and Publishing of Newspapers and Periodicals Industry.

In classifying returns to the sub-divisions of the industry shown in Table 2(i), the standard procedure was again followed, except that the amounts received by way of royalties and receipts for reproduction rights, etc. were not taken into account. Net advertisement revenue was taken into account as well as the net amount charged in determining the value of sales for classification purposes.

In interpreting the data in the tables it is essential to bear in mind the notes and definitions which appear on pages (ii), (iii) and (iv).



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TABLE 1 Industry summary: United Kingdom

Estimates for all firms, 1958 and 1963 (a)

	Unit	1958	1963	
Number of enterprises	No.	..	7,095	
Number of establishments	"	6,961	7,727	
Gross output	£'000	341,400	482,358	
Net output	"	190,973	285,954	
Net output per head	£	919	1,253	
Sales and work done	goods produced and work done	£'000	323,465	450,051(b)
	merchanted goods and canteen takings	"	15,868	28,970
Purchases	materials for processing and packaging, and fuel	"	105,778	126,070
	goods for merchandising and canteen purchases	"			25,858
Payments to other organisations for work done on materials given out, including also authors' royalties, copyright payments, payments to contributors and press agencies, and editorial, artists' and readers' fees (less payments received from authors)				
	"	40,504	42,237	
Payments to other organisations for transport				
	"	3,867	3,821	
Stocks and work in progress				
Total stocks and work in progress	change during year	"	+ 1,788	+ 4,919
	at end of year	"	63,913	83,814
Goods on hand for sale	change during year	"	+ 1,485	+ 1,218
	at end of year	"	21,054	33,500
Work in progress	change during year	"	+ 582	+ 2,119
	at end of year	"	19,982	24,495
Materials, stores and fuel	change during year	"	- 279	+ 1,582
	at end of year	"	22,877	25,819
Average number employed	total, including working proprietors	Th.	207.8	228.2
	operatives	"	161.2	168.4
	other employees (c)	"	45.0	50.4
Wages and salaries	of operatives	£'000	89,971	122,232
	of other employees (c)	"	34,052	46,546
Employers' contributions to National Insurance and private pension schemes, etc. (d)				
	"	..	11,199	
Capital expenditure (e)				
Total	"	..	25,214	
New building work	"	2,072	6,392	
Land and existing buildings (f)	"	..	195	
Plant and machinery (f)	"	8,779	16,982	
Vehicles (f)	"	1,061	2,035	

(a) For 1963, estimates for firms not making satisfactory returns accounted for 4 per cent. of the total figures in which they were incorporated. (For 1958 the comparable figure was also 4 per cent. But for items which no small firms were asked to report for 1958, estimates for small firms and for firms not making satisfactory returns accounted for 24 per cent. of the total figure in which they were incorporated.) A summary of the detailed returns received from larger firms is given in Table 2(i), and a summary for all small firms, based on information collected from a sample, is given in Table 2(ii).

(b) Including services rendered to other organisations (amounts charged for hiring out plant, machinery and other goods, for providing transport, or for technical or other services rendered).

(c) Administrative, technical and clerical employees.

(d) Including pensions and gratuities paid other than from pension funds.

(e) Excluding expenditure for establishments not yet in production.

(f) Acquisitions less disposals.

TABLE 2(i) Analysis of larger firms by sub-divisions within the industry, 1958 and 1963
Firms employing 25 or more persons: United Kingdom (a)

	Unit	Sub-divisions of the industry (b)			
		Publishing (non-printing)			
		Books		Other published matter (except newspapers, magazines, etc.)	
		04	05	1958	1963
Number of enterprises (e)	No.	70	61	23	21
Number of establishments	"	78	82	24	23
Gross output	£'000	37,062	50,451	3,517	5,723
Net output	"	13,548	24,484	1,589	3,161
Net output per head	£	1,643	3,112	1,129	1,371
Sales and work done	£'000	goods produced and work done	47,463(f)	3,340	5,592(f)
		merchanted goods and canteen takings	2,121	156	233
Sales of characteristic products	"	32,774(g)	45,596(g)	2,749	4,718(g)
Index of specialisation (i)	Per cent.	93	96	82	84
Purchases	£'000	materials for processing and packaging, and fuel	7,309	1,188	1,229
		goods for merchenting and canteen purchases	2,116		226
Payments to other organisations for work done on materials given out, including also authors' royalties, copyright payments, payments to contributors and press agencies, and editorial, artists' and readers' fees (less payments received from authors)	"	16,273	15,842	701	1,064
Payments to other organisations for transport	"	582	628	44	43
Stocks and work in progress					
Goods on hand for sale	"	change during year	+ 469	+ 33	- 38
		at end of year	15,058	751	658
Work in progress	"	change during year	+ 398	- 12	- 64
		at end of year	2,562	105	300
Materials, stores and fuel	"	change during year	- 72	+ 6	- 1
		at end of year	2,422	177	456
Average number employed	No.	total, including working proprietors	7,869	1,407	2,305
		operatives	1,355	744	1,286
		other employees (j)	6,498	662	1,002
Wages and salaries	£'000	of operatives	875	294	717
		of other employees (j)	5,964	543	869
Wages and salaries per head	£	operatives	646	395	557
		other employees (j)	918	820	867
Employers' contributions to National Insurance (k)	£'000	..	211	..	57
Employers' contributions to private pension schemes, etc. (l)	"	..	485	..	59
Capital expenditure (m)					
New building work	"	58	394	22	67
Land and existing buildings	"	acquisitions	..	..	..
		disposals	..	..	..
Plant and machinery	"	acquisitions	269	26	66
		disposals	12	3	9
Vehicles	"	acquisitions	253	15	30
		disposals	92	6	10

Sub-divisions of the industry (b)								
Publishing/printing (including printing only of published matter)								
Books		Book printing		Other published matter (except newspapers, magazines, etc.) (c)				
01	06	Total	Total	Greeting cards 02	Other 03	Printing only 07		
1958	1963	1958	1963	1958	1963			
10	13	51	39	61	65	20	25	20
12	18	61	49	80	75	23	30	22
8,055	18,762	21,593	21,656	13,156	20,909	11,249	5,507	4,153
4,518	10,490	14,610	15,648	7,332	13,133	6,436	4,007	2,690
915	1,391	897	1,165	891	1,353	1,379	1,337	1,318
8,005	18,350(f)	21,190	21,277(f)	12,648	19,072(f)	10,187(f)	4,937(f)	3,948(f)
5	330	143	233	198	1,119	789	134	196
6,280(g)	9,676(g)	15,584	11,941	10,653	14,137(g)	8,121	3,451(g)	1,856(g)
78	53	74	56	84	74	80	70	47
2,250	5,145	5,474	4,258	4,539	5,390	3,210	1,139	1,041
	648		211		949	742	114	93
1,093	2,236	1,196	1,313	1,012	1,380	786	282	312
138	315	272	222	283	239	185	29	25
- 9	- 60	+ 210	- 34	+ 273	+ 633	+ 193	+ 424	+ 15
1,206	3,127	900	134	2,869	5,367	1,815	3,477	75
+ 54	+ 141	+ 50	+ 179	+ 37	+ 86	+ 80	+ 13	- 7
951	1,517	1,849	2,232	805	1,230	886	150	194
- 56	+ 73	- 42	- 3	+ 10	+ 183	+ 110	+ 64	+ 9
399	874	1,289	1,122	1,023	1,505	824	453	228
4,937	7,543	16,286	13,436	8,233	9,707	4,668	2,997	2,042
3,476	5,390	13,689	11,306	6,192	6,761	3,180	2,045	1,536
1,461	2,141	2,597	2,123	2,037	2,913	1,475	943	495
1,631	3,268	7,900	8,864	2,949	4,575	2,017	1,403	1,155
862	2,030	1,956	1,866	1,566	2,472	1,259	802	411
469	606	577	784	476	676	634	686	752
590	948	753	879	769	848	854	851	830
..	185	..	399	..	271	120	79	72
..	310	..	266	..	166	79	45	42
17	1,619	242	337	87	172	125	25	22
..		..	62	..	18	8		
..		..	27	..	16	16		
193	855	914	1,205	308	558	204	164	190
1	21	27	61	32	44	11	23	10
49	74	63	71	70	117	50	45	21
18	26	23	18	51	47	20	18	9

Continued on next page

TABLE 2(i) (continued)

	Unit	Sub-divisions of the industry (b)			
		General printing, etc. (c)			
		Printing on materials supplied by printers			
		Total	Total	Letterpress printing	
	1958	1963	08		
Number of enterprises (e)	No.	922	872	676	
Number of establishments	"	1,079	1,070	790	
Gross output	£'000	156,035	201,759	129,802	
Net output	"	88,452	119,484	80,003	
Net output per head	£	896	1,201	1,192	
Sales and work done	£'000	goods produced and work done	148,143	185,776(f)	119,152(f)
		merchanted goods and canteen takings	7,613	15,382	9,968
Sales of characteristic products	"	114,516	138,020(g)	75,756(g)	
Index of specialisation (i)	Per cent.	77	74	64	
Purchases	£'000	materials for processing and packaging, and fuel	53,924	58,964	35,052
		goods for merchandising and canteen purchases	"	12,411	8,199
Payments to other organisations for work done on materials given out, including also authors' royalties, copyright payments, payments to contributors and press agencies, and editorial, artists' and readers' fees (less payments received from authors)	"	12,095	10,301	6,194	
Payments to other organisations for transport	"	1,404	1,386	839	
Stocks and work in progress	"				
Goods on hand for sale	"	change during year	+ 112	- 216	+ 62
		at end of year	2,720	2,702	1,430
Work in progress	"	change during year	+ 167	+ 816	+ 620
		at end of year	8,507	11,738	6,829
Materials, stores and fuel	"	change during year	- 160	+ 787	+ 486
		at end of year	11,686	11,449	6,964
Average number employed	No.	total, including working proprietors	98,761	99,449	67,089
		operatives	80,308	79,299	58,901
		other employees (j)	18,345	19,463	12,666
Wages and salaries	£'000	of operatives	48,986	56,794	38,823
		of other employees (j)	14,066	18,137	11,339
Wages and salaries per head	£	operatives	548	716	720
		other employees (j)	767	932	895
Employers' contributions to National Insurance (k)	£'000	..	2,879	1,915	
Employers' contributions to private pension schemes, etc. (l)	"	..	2,099	1,299	
Capital expenditure (m)	"				
New building work	"	1,049	2,479	1,173	
Land and existing buildings	"	acquisitions	..	1,041	816
		disposals	..	909	650
Plant and machinery	"	acquisitions	4,879	8,789	5,074
		disposals	260	813	306
Vehicles	"	acquisitions	794	1,162	744
		disposals	303	444	289

For notes to this table - see page 118/13

	Unit	Sub-divisions of the industry (b)						Total	
		General printing, etc. (c) (continued)							
		Printing on materials supplied by printers (continued)		Stereotyping, electrotyping and engraving	Other and unclassified work done (d)				
		Lithographic, chromo-litho and typo-litho printing 09	Other 10						
	1958	1963	1958	1963	1958	1963	1958	1963	
		137	59	141	141	108	196	..	1,299
		169	111	175	198	126	237	1,635	1,752
		49,063	22,894	18,878	25,801	10,361	34,178	268,657	379,238
		26,756	12,725	14,314	19,494	6,696	20,450	151,060	226,345
		1,161	1,366	1,166	1,435	687	1,042	945	1,304
		46,883(f)	19,741(f)	18,145	24,708(f)	9,955	30,938(f)	256,547	353,177(f)
		1,944	3,471	699	1,082	386	3,004	10,470	23,504
		27,706	14,232(g)	16,561	22,477	(h)	(h)	(h)	(h)
		59	72	91	91	..	..	91	89
		17,630	6,281	3,954	4,878	3,213	9,839	81,270	97,013
		1,564	2,648							960	2,378
		2,944	1,164	440	508	299	1,309	33,108	33,953
		403	144	162	111	129	338	3,013	3,282
		- 30	- 247	+ 3	+ 5	+ 19	+ 61	+ 1,185	+ 822
		833	438	75	104	191	725	16,861	27,875
		+ 266	- 70	+ 31	+ 5	+ 1	+ 174	+ 455	+ 1,735
		3,410	1,499	290	434	288	1,401	15,537	21,413
		+ 235	+ 67	- 8	+ 149	- 24	+ 136	- 207	+ 1,252
		3,165	1,319	656	1,086	766	2,170	17,671	21,084
		23,048	9,312	12,281	13,581	9,746	19,628	159,896	173,518
		18,148	7,250	9,917	10,827	8,615	16,522	124,446	132,746
		4,787	2,010	2,350	2,654	1,121	2,958	35,313	39,752
		12,893	5,077	8,098	10,953	3,820	10,321	69,455	96,367
		4,825	1,973	2,100	2,685	840	2,674	26,684	36,696
		710	700	817	1,012	443	625	558	726
		1,008	982	894	1,012	749	904	756	923
		647	317	..	415	..	511	..	4,928
		569	231	..	237	..	279	..	3,901
		481	826	74	169	42	224	1,593	5,462
		106	119	..	- 10(n)	..	77	..	1,301
		235	24	..		..	75	..	1,566
		2,248	1,466	458	742	220	1,571	7,087	14,055
		255	252	19	29	12	38	356	1,029
		297	120	122	170	69	175	1,376	2,053
		107	48	49	61	27	64	552	761

TABLE 2(ii) Summary for small firms, 1958 and 1963

Firms employing fewer than 25 persons: United Kingdom (a)

	Unit	1958	1963
Number of firms	No.	5,263	5,871
Gross output	£'000	..	91,119
Net output	"	38,027(b)	52,446
Net output per head	£	840(b)	1,067
Sales and work done	£'000	63,138	85,698(c)
{ goods produced and work done			
{ merchanted goods	"	5,242	4,722
Purchases of goods and fuel (d)	"	23,237	31,318
Payments to other organisations for work done on materials given out, including also authors' royalties, copyright payments, payments to contributors and press agencies, and editorial, artists' and readers' fees (less payments received from authors)	"	7,116(e)	7,210
Payments to other organisations for transport	"	..	436
Stocks and work in progress			
{ change during year	"	..	+ 370
{ at end of year	"	..	4,743
Work in progress			
{ change during year	"	..	+ 329
{ at end of year	"	..	2,404
Materials, stores and fuel			
{ change during year	"	..	+ 290
{ at end of year	"	..	4,068
Average number employed	No.	45,265	8,320
{ working proprietors	"		40,840
{ other persons employed	"		
Capital expenditure			
{ New building work	£'000	..	757
{ Land and existing buildings	"	..	468
{ acquisitions	"	..	391
{ disposals	"	..	3,758
{ Plant and machinery	"	..	214
{ acquisitions	"	..	1,138
{ disposals	"	..	437

(a) Only a sample of firms supplied the full range of information, the remainder giving employment figures only. Except for employment, the figures are estimates based on the full returns made, which accounted for 14 per cent. of the employment shown for 1963, and 26 per cent. for 1958. Estimates are included for small firms not making satisfactory returns.

(b) For 1958 the net output of small firms was defined as the difference between the value of sales and the cost of purchases of materials and fuel, less payments for work done on materials given out.

(c) Including services rendered to other organisations (amounts charged for hiring out plant, machinery and other goods, for providing transport, or for technical or other services rendered) which amounted to £73,000.

(d) Including goods purchased for merchanding.

(e) Payments to other organisations for work done on materials given out only for 1958.

TABLE 3 Analysis of larger firms by size of enterprise within the industry, 1963

(i) Output, employment, capital expenditure and stocks

Firms employing 25 or more persons: United Kingdom

Average number employed by the enterprise in the industry (a)	Enterprises (b)	Establishments	Average number employed (a)	Gross output	Net output	Net output per head	Capital expenditure (c)	Total value of stocks and work in progress at end of year
	Number	Number	Number	£'000	£'000	£	£'000	£'000
25-49	542	567	19,602	37,983	22,337	1,140	1,744	4,061
50-99	391	437	26,583	56,846	32,992	1,241	2,002	8,466
100-199	191	257	25,850	51,826	31,471	1,217	2,511	7,218
200-299	66	120	15,979	37,475	21,653	1,355	1,584	7,638
300-399	32	60	11,173	31,333	18,653	1,669	1,108	6,193
400-499	24	61	10,514	26,070	14,725	1,400	1,441	6,041
500-749	28	99	17,166	36,898	21,804	1,270	2,259	7,942
750-999	7	19	6,166	15,743	9,904	1,606	732	8,222
1,000-1,499	8	40	9,237	19,059	11,463	1,241	1,209	3,069
1,500-1,999	4	17	6,616	13,301	7,930	1,199	1,752	2,353
2,000 and over	6	75	24,632	52,703	33,414	1,357	3,173	9,170
Total	1,299	1,752	173,518	379,238	226,345	1,304	19,515	70,372

(ii) Employees, wages and salaries, and employers' contributions

Firms employing 25 or more persons: United Kingdom

Average number employed by the enterprise in the industry (a)	Employees		Wages and salaries		Employers' contributions		Wages and salaries per head	
	Operatives	Others (d)	Operatives	Others (d)	National Insurance (e)	Private pension schemes, etc. (f)	Operatives	Others (d)
	Number	Number	£'000	£'000	£'000	£'000	£	£
25-49	14,944	4,191	9,928	3,598	568	217	663	859
50-99	20,346	5,864	13,895	5,242	753	394	683	894
100-199	19,871	5,870	13,747	5,310	716	487	692	905
200-299	11,511	4,437	8,583	3,930	495	456	746	886
300-399	8,142	3,024	5,989	2,760	296	275	736	913
400-499	8,256	2,240	6,082	2,315	291	276	737	1,034
500-749	13,016	4,140	9,853	3,800	491	415	757	918
750-999	4,599	1,567	3,457	1,558	170	206	752	994
1,000-1,499	7,133	2,103	5,516	2,043	257	198	773	972
1,500-1,999	5,514	1,100	3,698	1,320	182	265	671	1,200
2,000 and over	19,414	5,216	15,619	4,820	709	711	805	924
Total	132,746	39,752	96,367	36,696	4,928	3,901	726	923

(a) Including working proprietors.

(b) The sum of the figures for Tables 3(A), (B) and (C) exceeds the total for the industry to the extent that enterprises made returns for more than one activity.

(c) Acquisitions less disposals.

(d) Administrative, technical and clerical employees.

(e) Including both flat rate and graduated contributions.

(f) Including pensions and gratuities paid other than from pension funds. These amounted in total to £903,000.

PUBLISHING (NON-PRINTING)

TABLE 3(A) Analysis of larger firms by size of enterprise, 1963
(i) Output, employment, capital expenditure and stocks
Firms employing 25 or more persons: United Kingdom

Average number employed by the enterprise (a)	Enterprises	Estab-lish-ments	Average number employed (a)	Gross output	Net output	Net output per head	Capital expenditure (b)	Total value of stocks and work in progress at end of year
	Number	Number	Number	£'000	£'000	£	£'000	£'000
25-49	22	24	844	3,850	1,795	2,127	38	989
50-99	34	41	2,341	13,785	5,673	2,423	- 27	5,092
100-199	13	14	1,906	7,370	2,999	1,573	98	1,796
200-299	4	9	981	6,937	2,816	2,871	43	2,869
300-399	5	5	1,671	10,586	6,884	4,120	271	3,253
400 and over	4	12	2,431	13,647	7,478	3,076	434	7,456
Total	82	105	10,174	56,174	27,645	2,717	858	21,455

(ii) Employees, wages and salaries, and employers' contributions
Firms employing 25 or more persons: United Kingdom

Average number employed by the enterprise (a)	Employees		Wages and salaries		Employers' contributions		Wages and salaries per head	
	Oper-atives	Others (c)	Oper-atives	Others (c)	National Insurance (d)	Private pension schemes, etc. (e)	Oper-atives	Others (c)
	Number	Number	£'000	£'000	£'000	£'000	£	£
25-49	239	593	138	501	23	29	579	845
50-99	710	1,615	420	1,488	67	121	592	922
100-199	520	1,381	256	1,119	48	85	493	810
200-299	70	911	83	781	25	67	1,191	857
300-399	686	985	443	960	44	86	645	974
400 and over	416	2,015	251	1,983	62	156	602	984
Total	2,641	7,500	1,592	6,833	268	544	603	911

- (a) Including working proprietors.
(b) Acquisitions less disposals.
(c) Administrative, technical and clerical employees.
(d) Including both flat rate and graduated contributions.
(e) Including pensions and gratuities paid other than from pension funds. These amounted in total to £145,000.

PUBLISHING/PRINTING

TABLE 3(B) Analysis of larger firms by size of enterprise, 1963
(i) Output, employment, capital expenditure and stocks
Firms employing 25 or more persons: United Kingdom

Average number employed by the enterprise (a)	Enterprises	Estab-lish-ments	Average number employed (a)	Gross output	Net output	Net output per head	Capital expenditure (b)	Total value of stocks and work in progress at end of year
	Number	Number	Number	£'000	£'000	£	£'000	£'000
25-49	12	12	440	867	631	1,434	8	108
50-99	16	16	1,168	2,384	1,165	997	105	444
100-199	12	15	1,703	3,823	2,258	1,326	265	916
200-299	4	4	999	2,128	1,616	1,617	54	376
300-399	5	7	1,827	4,214	2,785	1,524	126	1,084
500-749	6	8	3,640	8,997	4,931	1,355	932	3,955
750 and over	3	9	5,431	13,104	7,547	1,390	1,216	6,241
Total	58	71	15,208	35,518	20,933	1,377	2,707	13,123

(ii) Employees, wages and salaries, and employers' contributions
Firms employing 25 or more persons: United Kingdom

Average number employed by the enterprise (a)	Employees		Wages and salaries		Employers' contributions		Wages and salaries per head	
	Oper-atives	Others (c)	Oper-atives	Others (c)	National Insurance (d)	Private pension schemes, etc. (e)	Oper-atives	Others (c)
	Number	Number	£'000	£'000	£'000	£'000	£	£
25-49	360	73	197	54	12	3	517	745
50-99	759	403	418	304	31	13	550	754
100-199	1,236	452	713	353	46	30	577	781
200-299	558	439	383	295	22	37	687	672
300-399	1,211	616	795	596	49	68	657	968
500-749	2,266	1,370	1,788	1,170	95	92	789	854
750 and over	4,225	1,206	2,394	1,318	130	191	567	1,093
Total	10,615	4,559	6,688	4,091	384	434	630	897

- (a) Including working proprietors.
(b) Acquisitions less disposals.
(c) Administrative, technical and clerical employees.
(d) Including both flat rate and graduated contributions.
(e) Including pensions and gratuities paid other than from pension funds. These amounted in total to £105,000.

PRINTING (NON-PUBLISHING)

TABLE 3(C) Analysis of larger firms by size of enterprise, 1963

(i) Output, employment, capital expenditure and stocks

Firms employing 25 or more persons: United Kingdom

Average number employed by the enterprise (a)	Enterprises	Establishments	Average number employed (a)	Gross output	Net output	Net output per head	Capital expenditure (b)	Total value of stocks and work in progress at end of year
	Number	Number	Number	£'000	£'000	£	£'000	£'000
25-49	531	559	19,212	35,127	21,140	1,100	1,900	3,173
50-99	384	430	26,293	50,245	31,062	1,181	2,311	4,806
100-199	197	245	26,942	51,365	32,098	1,191	2,504	6,454
200-299	71	120	17,348	33,216	20,566	1,185	1,788	4,366
300-399	29	47	10,050	21,081	12,739	1,268	1,154	2,503
400-499	19	34	8,318	17,806	10,346	1,244	866	2,783
500-749	19	66	12,085	23,909	14,041	1,162	1,290	3,354
750-999	6	12	5,396	11,811	7,439	1,379	841	2,131
1,000-1,499	4	17	4,956	7,578	5,427	1,095	269	1,084
1,500 and over	7	46	17,536	35,407	22,909	1,306	3,027	5,141
Total	1,267	1,576	148,136	287,546	177,767	1,200	15,948	35,793

(ii) Employees, wages and salaries, and employers' contributions

Firms employing 25 or more persons: United Kingdom

Average number employed by the enterprise (a)	Employees		Wages and salaries		Employers' contributions		Wages and salaries per head	
	Operatives	Others (c)	Operatives	Others (c)	National Insurance (d)	Private pension schemes, etc. (e)	Operatives	Others (c)
	Number	Number	£'000	£'000	£'000	£'000	£	£
25-49	15,058	3,696	10,124	3,172	559	196	672	858
50-99	21,187	4,754	14,815	4,236	748	366	699	891
100-199	21,741	5,107	15,373	4,925	756	502	707	964
200-299	13,874	3,443	10,414	3,238	535	398	751	940
300-399	8,321	1,720	6,566	1,586	275	164	789	922
400-499	6,814	1,499	5,541	1,500	235	146	813	1,001
500-749	9,728	2,354	7,272	2,179	351	312	748	925
750-999	4,337	1,059	3,243	1,074	154	162	748	1,014
1,000-1,499	4,006	949	3,153	848	144	107	787	894
1,500 and over	14,424	3,112	11,587	3,015	521	568	803	1,032
Total	119,490	27,693	88,087	25,773	4,276	2,922	737	931

(a) Including working proprietors.

(b) Acquisitions less disposals.

(c) Administrative, technical and clerical employees.

(d) Including both flat rate and graduated contributions.

(e) Including pensions and gratuities paid other than from pensions funds. These amounted in total to £653,000.

TABLE 4 Percentage analysis of employees, by age and sex, all firms, 1963: United Kingdom (a)

Ages	Males	Females	All employees
	Per cent.	Per cent.	Per cent.
Under 18	5	6	11
18 and over	58	31	89
All ages	63	37	100

Source: Ministry of Labour

(a) The percentages relate to the numbers employed (excluding working proprietors) at mid-June, 1963.

Footnotes to Table 2(i).

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

(b) The method of classifying returns to sub-divisions of the industry is explained in the introduction to this report; the characteristic products of each sub-division are identified in Table 5(ii).

(c) Owing to a revision of the sub-divisions of this industry separate particulars cannot be given for 1958.

(d) For 1963 printing work, etc. carried out on materials mainly supplied by customers was deemed to be characteristic of this sub-division whereas for 1958 it was classified to the appropriate sub-division of General printing and Other work done. The classification of individual returns could be affected and the figures for 1958 and 1963 are therefore not strictly comparable.

(e) The sum of the figures for the sub-division exceeds the total for the industry to the extent that enterprises made returns for more than one sub-division.

(f) Including services rendered to other organisations (amounts charged for hiring out plant, machinery and other goods, for providing transport, or for technical or other services rendered).

(g) Including net advertisement revenue.

(h) Characteristic products relate only to specific sub-divisions of the industry.

(i) For sub-divisions of the industry, this is the ratio of sales of characteristic products to total sales of goods produced and work done. For the industry as a whole, this is the ratio of total sales of principal products by the industry to total sales of goods produced and work done.

(j) Administrative, technical and clerical employees.

(k) Including both flat rate and graduated contributions.

(l) Including pensions and gratuities paid other than from pension funds.

(m) Excluding expenditure for establishments not yet in production.

(n) Acquisitions less disposals.

TABLE 5(i) Estimates of total sales of principal products of the industry, 1958 and 1963 (a)

All firms: United Kingdom

	All firms (b)		Small firms in the industry (c)	
	1958 (d)	1963 (d)	1958 (d)	1963 (d)
	£'000	£'000	£'000	£'000
Published matter				
Published by firms other than the printer				
Books	40,593	66,331	7,800	10,079
All other published matter (e.g. music, diaries, Christmas cards, calendars, etc.)	3,338	6,354	240	476
Printed and published by the same firm				
Books		15,397		695
All other published matter (e.g. music, diaries, Christmas cards, calendars, etc.)		18,115		707
Printing work done for commercial and other publishers	57,147(e)		1,256(e)	
Books		20,130		809
All other published matter (e.g. music, diaries, Christmas cards, calendars, etc.)		6,678		681
Other printing work done				
On materials supplied by firms doing the work (excluding manuscript books, manufactured stationery and paper bags)	209,021	275,843	46,529	60,054
On customers' own materials	(f)	21,068	(f)	6,491
Other work done or goods made (g)	14,441(e)	11,800	7,314(e)	5,043
Royalties and receipts for reproduction rights, including royalties received by publishers (non-printers)	..	2,519	..	591
Total	324,540	444,234	63,139	85,625

(a) Including estimated figures for firms not making satisfactory returns.

(b) Including sales of principal products of the industry by larger firms but not by small firms, classified to other industries. For a more detailed analysis of sales by larger firms see Table 5(ii).

(c) Estimates based on a sample of small firms which account for 14 per cent. of the total employment of small firms in the industry for 1963 and 26 per cent. for 1958.

(d) Including net advertisement revenue for printed books and all other published matter (e.g. music, diaries, Christmas cards, etc. but excluding newspapers, magazines, reviews, trade journals and similar periodicals). The amounts so included are:

	All firms		Small firms in the industry	
	1958	1963	1958	1963
	£'000	£'000	£'000	£'000
Published by firms other than the printers		1,735		149
Printed and published by the same firm	2,063(φ)	288	..	121
Printed for commercial and other publishers		535		71

(φ) Large firms only.

(e) Including for 1958, royalties received.

(f) Not recorded separately.

(g) Including any sales by small firms of goods other than principal products of the industry e.g. newspapers, magazines, reviews, trade journals and similar periodicals (but excluding merchanted goods and the value of services rendered to other organisations).

TABLE 5(ii) Sales of principal products of the industry by larger firms, including sales by establishments classified to other industries, 1958 and 1963

Firms employing 25 or more persons: United Kingdom

Industry sub-division (a)	1958		1963			
	Quantity	Net selling value (b)	Quantity	Net selling value (b)	Enter-prises	Entries
		£'000		£'000	Number	Number
Books and other matter published						
Published by firms other than the printer						
04 Bibles in whole or part	..	32,793	..	4,458	16	16
04 Printed books, other than Bibles	..	..	..	49,921	105	132
05 Music	..	461	..	556	7	7
	Thousands		Thousands			
05 Diaries	70.8	23	11,567	1,816	21	21
	..	319	..	..	..	..
05 Christmas cards and greeting cards	..	1,041	149,493	2,021	29	29
05 Calendars	..	24	1,321	82	23	24
			..	67		
05 Picture postcards	..	89	6,388	45	*	*
05 Photographs	..	..	..	63	18	19
05 Other and unclassified published matter (excluding newspapers, magazines, reviews, trade journals and similar periodicals)	..	1,141	..	1,063	45	60
Total books and other matter published by firms other than the printers		35,891		60,092	..	..
Printed and published by the same firm (c)						
01 Bibles in whole or part	..	16,784	..	699	*	*
01 Printed books, other than Bibles	..	..	..	13,575	86	89
03 Diaries	14,177	1,900	8,751	1,164	35	35
			..	118		
02 Christmas cards and greeting cards	302,302	4,161	510,641	8,038	67	68
	..	1,332	..	1,112		
03 Calendars	26,264	1,517	14,758	1,439	72	73
	..	369	..	406		
03 Picture postcards	16,431	126	104,799	901	11	12
	..	458				
03 Photographs	..	341	..	424	112	173
03 Other published matter (excluding newspapers, magazines, reviews, trade journals and similar periodicals)	..	3,571	..	3,196	53	54
Unclassified published matter	..	553	..	11	30	34
Total books and other matter printed and published by the same firm		31,112		31,184

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TABLE 5(ii) (continued)

Industry sub-division (a)	1958		1963	
	Net amount charged (b)	Net amount charged (b)	Enterprises	Entries
	£'000	£'000	Number	Number
Printing work done for United Kingdom commercial publishers (d)				
Books and other published matter				
06 Bibles in whole or part	18,588	202	12	14
06 Printed books, other than Bibles		17,193	175	207
07 Music	(e)	215	10	10
07 Diaries	429	397	64	67
07 Christmas cards and greeting cards	2,491	1,589	89	95
07 Calendars	620	444	70	72
07 Picture postcards	287	200	23	25
07 Photographs	12	37	8	9
07 Other published matter (excluding newspapers, magazines, reviews, trade journals and similar periodicals)	1,043	1,616	74	82
Unclassified published matter	144	142	28	33
Total printing work done for United Kingdom commercial publishers	23,614	22,034	..	..
Printing work done for concerns other than United Kingdom commercial publishers (e)				
Books and other published matter				
06 Bibles in whole or part	..	75	*	*
06 Printed books other than Bibles	..	1,309	51	56
07 Music	..	24	5	5
07 Diaries	..	111	19	22
07 Christmas cards and greeting cards	..	124	25	27
07 Calendars	..	402	28	33
07 Picture postcards	..	61	6	6
07 Photographs	..			
07 Other and unclassified published matter (excluding newspapers, magazines, reviews, trade journals and similar periodicals)	..	459	31	35
Total printing work done for concerns other than United Kingdom commercial publishers	..	2,565	..	..
	Amount received	Amount received		
	£'000	£'000		
Royalties and receipts for reproduction rights, etc.	1,414	1,868	70	78

TABLE 5(ii) (continued)

Industry sub-division (a)	1958		1963	
	Net amount charged	Net amount charged	Enterprises	Entries
	£'000	£'000	Number	Number
General printing and other work done				
Work done on materials supplied by firms doing the work				
08 Letterpress printing				
Catalogues, trade lists and advertising materials	29,404	38,114	893	990
Forms for loose leaf binders	1,721	1,863	462	485
Label, tag and ticket printing	3,416	6,409	584	614
Letter headings and invoices	52,207	6,431	716	772
Other letterpress printing		46,503	909	1,044
Total letterpress printing	86,748	99,320	..	..
09 Lithographic, chromo-litho, photo-litho, and type-litho printing				
Posters	1,532	2,071	132	144
Catalogues, trade lists and advertising material	19,353	13,916	334	356
Other		24,532	401	439
10 Photogravure printing	4,382	7,409	28	32
10 Other photographic printing	718	2,485	36	38
10 Copper and steel printing	3,666	3,726	24	24
10 Silk screen printing	1,815	2,837	82	83
10 Transfer printing	1,035(f)	2,425	27	28
12 Machine ruling	458	592	221	227
12 Binding (including re-binding)	6,616	10,147	434	467
12 Stitching, folding, cutting, etc.	959	2,421	325	345
11 Stereotyping and electrotyping	2,088	2,897	125	143
11 Engraving of blocks, plates, etc.				
Process blocks (relief work)	8,427	11,148	195	234
Other	1,472	3,136	97	106
11 Photo-litho offset plates	1,570	2,502	131	133
11 Die sinking and relief stamping	1,176	1,788	141	145
11 Typesetting	3,083	5,872	368	398
12 Gilding, blocking, stamping, lettering, etc.	4,604	181	121	122
10 Tin printing		657	7	7
12 Other work done	..	5,318	171	186
12 Unclassified	..	4,294	111	120
12 Work done on customers' own materials	10,228	14,141	577	645
Total printing, bookbinding, etc.	73,182	124,496	..	..

Continued on next page

TABLE 5(ii) (continued)

Industry sub-division (a)	1958		1963	
	Net selling value	Net selling value	Enterprises	Entries
	£'000	£'000	Number	Number
12 Other goods sold				
Showcards, price tickets, etc.	3,766	3,885	183	190
Albums and the like	487	642	36	37
Playing cards	1,382	1,560	84	90
Other products				
Advertisement revenue not elsewhere specified (g)	(e)	446	26	26
		Net amount received		
		£'000		
Waste products	416	528	845	957
		Net selling value		
		£'000		
Total	258,013	348,620	..	..
Sales in other industries (see Table 6)	25,407(b)	32,911(b)	..	..
Principal products of this industry sold by establishments in the industry	232,606	315,709	1,299	1,483(h)

(a) The number given is that of the sub-division of which the item is a characteristic product. The sales shown are the total sales by larger firms, not merely sales by establishments classified to the sub-division.

(b) Including net advertisement revenue for printed books and all other published matter (e.g. music, diaries, Christmas cards, etc. but excluding newspapers, magazines, reviews, trade journals and similar periodicals). The amounts so included are:

	1958	1963
	£'000	£'000
Published by firms other than the printers	2,045	1,537
Printed and published by the same firm		162
Printed for commercial and other publishers		450

(c) Including for 1958 the printing of published matter for overseas customers and for non-commercial United Kingdom publishers (manufacturers, learned societies, etc.) who do not make Census of Production returns in this industry.

(d) In 1958 some of this work was done for manufacturing publishers whose sales are recorded under Books and other matter printed and published and some for the non-printing publishers.

(e) Not recorded separately.

(f) So far as recorded separately.

(g) Advertisement revenue less agents' commissions, etc.

(h) This figure represents the total number of returns made by larger firms in this industry, which is less than the total number of establishments in Table 2(i) on account of combined returns covering more than one establishment.

TABLE 6 Sales of principal products of the industry by establishments classified to other industries, 1958 and 1963

Firms employing 25 or more persons: United Kingdom

	1958		1963			
	Quantity	Net selling value (a)	Quantity	Net selling value (a)	Entries	Principal industries in which produced (b)
Books and other matter published		£'000		£'000	Number	
Published by firms other than the printer						
Printed books, other than Bibles			..	9,520	45	117
Calendars			..	64	5	115, 116, 117
Photographs			..	58	17	117
Other and unclassified published matter (excluding newspapers, magazines, reviews, trade journals and similar periodicals but including Bibles)		(c)	..	373	40	64, 117
Total books and other matter published by firms other than the printer				10,016	..	
Printed and published by the same firm (d)						
Printed books, other than Bibles	..	7,602	..	814	20	116, 117
Diaries						
Christmas cards and greeting cards			Thousands	479	12	116
Photographs	..	1,658	..	372	165	117
Other and unclassified published matter (excluding newspapers, magazines, reviews, photographs and printed books, but including Bibles, calendars and other published matter)			..	190	35	117
Total books and other matter printed and published by the same firm (d)		9,260		1,895	..	
Printing work done for United Kingdom commercial publishers		Net amount charged (a)		Net amount charged (a)		
Books and other published matter		£'000		£'000		
Printed books, other than Bibles		1,535		1,610	35	115, 117
Other published matter (excluding newspapers, magazines, reviews, trade journals and similar periodicals)		458		44	9	117
Unclassified published matter				142	33	117
Total printing work done for United Kingdom commercial publishers		1,994		1,796	..	
Printing work done for concerns other than United Kingdom commercial publishers						
Books and other published matter		(c)		77	37	117

Continued on next page

TABLE 6 (continued)

	1958		1963	
	Net amount charged (a)	Net amount charged (a)	Entries	Principal industries in which produced (b)
	£'000	£'000	Number	
General printing and other work done				
Work done on materials supplied by firms doing the work				
Letterpress printing				
Catalogues, trade lists and advertising material	2,716	3,163	164	109,115,116,117
Forms for loose leaf binders	105	16	*	115,116
Label, tag and ticket printing	57	633	6	84,115,116,117
Letter headings and invoices	5,770	61	6	115,116,117
Other letterpress printing		6,279	197	34,115,116,117
Lithographic, chromo-litho, photo-litho and type-litho printing				
Catalogues, trade lists and advertising material	(c)	284	18	40,115,116,117
Posters	1,312	357	22	115,116,117
Other				
Photogravure printing	105	1,168	8	73,111,116,117
Other photographic printing	292(e)			
Transfer printing		474	5	31,40,87,115
Tin printing	-			
Silkscreen printing	97	99	10	115,116,117
Machine ruling	72			
Binding (including re-binding)	207	110	31	115,117
Stitching, folding, cutting, etc.	104			
Engraving of blocks, plates, etc.		238	66	115,117
Process blocks (relief work)	800			
Other	100	68	*	31,53,116
Stereotyping and electrotyping				
Typesetting	265	238	66	115,117
Gilding, blocking, stamping, lettering, etc.				
Photo-litho offset plates		68	*	31,53,116
Die sinking and relief stamping	167			
Other work done	-	2,615	106	115,116,117,124
Work done on customers' own materials	-	361	32	115,116
Total printing, bookbinding, etc.	12,167	16,972	..	
	Net selling value	Net selling value		
Other goods sold	£'000	£'000		
Showcards, price tickets, etc.	1,747	1,914	45	115,116,124
Albums and the like	240	239	11	115,116,125
Playing cards	-			
Total (a)	25,407	32,911	..	

(a) Including net advertisement revenue amounting to £314,000 in 1958 and £629,000 in 1963.

(b) The references given are to the list of industries at the back of this report.

(c) Included with sales of published matter printed and published by the same firm.

(d) Including for 1958 books and other published matter published by firms other than the printer and printing work done for concerns other than United Kingdom commercial publishers.

(e) Including copper and steel printing for 1958.

TABLE 7 Sales of other than principal products by larger firms in the industry, 1958 and 1963

Firms employing 25 or more persons: United Kingdom

	1958		1963	
	Quantity	Value(a)	Quantity	Value(a)
		£'000	Thousands	£'000
Newspapers and other matter published				
Published by firms other than the printers				
Newspapers			{ 7,861	229
			..	60
Magazines, reviews, trade journals and similar periodicals			42,501	1,574
Printed and published by the same firm				
Newspapers			27,271	1,608
Magazines, reviews, trade journals and similar periodicals			54,987	3,134
Printing work done for United Kingdom commercial publishers	..	13,507		
Newspapers				
Daily			..	140
Other			..	1,768
Magazines, reviews, trade journals and similar periodicals			..	9,307
Printing work done for concerns other than United Kingdom commercial publishers				
Newspapers, other than daily, and magazines, reviews, trade journals and similar periodicals			..	2,415
Boxes and cartons of paper and cardboard	Th.cwt.		Th.cwt.	
Rigid boxes (including rigid boxes delivered in the flat, and round boxes)	{ 40.8	371	34.0	364
	..	348	..	191
Cartons	{ 167	1,447	429	4,076
	..	660	..	856
Paper bags	{ 28.4	315	81.9	729
	..	351		
Manufactured stationery				
Notepaper and pads	{ 4.1	83	2.0	36
	..	292	..	282
Envelopes	{ 29.8	819	70.6	740
	..	479	..	482
Loose leaf binders			{ 1.5	139
			..	324
Manuscript books				
Account books	{ 96.9	1,429	{ 8.5	269
	..	2,387	..	668
Other manuscript books, stapled, etc., including ruled exercise books and duplicate books			{ 57.6	1,229
			..	936
Tabulating machine cards			..	496
Other manufactured stationery	{ 3.4	179	..	947
	..	851		
Miscellaneous manufactures of paper and board	..	226	..	846
Leather goods			..	77
Miscellaneous metal manufactures	..	698	..	820
Other goods			..	1,254

Continued on next page

TABLE 7 (continued)

	1958		1963	
	Quantity	Value(a)	Quantity	Value(a)
		£'000		£'000
Services rendered to other organisations (c)		..		1,472
Total value of goods sold without having been subjected to any manufacturing process (merchanted or factored)		10,169		22,904
Canteen takings		301		600
Total		34,410(d)		60,975

(a) Including advertisement revenue. The total amount of advertisement revenue from newspapers, magazines, reviews, trade journals and similar periodicals for 1958 was £1,083,000; for 1963 the amount was £2,408,000.

(b) Index cards and other office systems of paper and cardboard were included in 1958.

(c) Amounts charged for hiring out plant, machinery or other goods, for providing transport, or for technical or other services rendered to other organisations.

(d) Excluding amounts charged for services rendered to other organisations.

TABLE 8 Production of certain principal products of the industry by larger firms, including production by establishments classified to other industries, 1958 and 1963

This table is not applicable to this industry.

TABLE 9 Purchases of selected principal products of the industry by larger firms, 1963

This table is not applicable to this industry.

TABLE 10 Purchases by larger firms in the industry, 1954 and 1963

Firms employing 25 or more persons: United Kingdom

	1954		1963	
	Quantity	Cost	Quantity	Cost
Materials for processing	Th.tons	£'000	Th.tons	£'000
Newsprint	4.3	259	8.9	506
Stationery and writing paper for printing	..	5,868	..	4,643
Metal foil or laminates incorporating paper and foil for printing	..	(a)	..	990
Other paper for printing work	..	25,893	..	42,921
Other paper	..	1,961	..	3,432
Strawboard, cardboard, millboard or fibreboard	..	3,714	..	4,886
Printers' inks	..	3,413	..	5,588
Process blocks	..	1,596	..	3,134
Type and type metal including stereo-metal (b)	..	797	..	1,453
Photographic materials	..	771	..	1,898
Copper, zinc, aluminium, etc., sheets and plates (c)	..	777	..	2,522
Metal for tin printing	..	234	..	28
Leathercloth	..	418	..	645
Other piece goods for bookbinding	..	894	..	1,320
Glues and adhesives (including compound synthetic resin adhesives, but excluding synthetic resins bought as such)	..	459	..	670
Other bookbinding materials	..	711	..	1,185
Loose printed sheets or bound books imported for publication	..	302	..	1,939
Lubricating oils and greases	..	(a)	Th.gal. 121	36
			Th.cwt. 0.4	3
			..	28
Replacement parts for firms' own machinery, plant and vehicles, and accessories and consumable tools bought as replacement	..	1,695	..	1,939
All other materials for processing	..	7,483	..	10,684
Packaging materials				
Paper and board				
Boxes, cartons, packing cases, and drums and canisters (with or without metal ends) of paper, cardboard and fibreboard			..	867
Wrapping paper (including paper coated with plastics and any laminates incorporating paper but not metal), moulded pulp units, labels and other packaging materials of paper, cardboard and fibreboard (except multiwall sacks)	..	1,073	..	719
All other packaging materials			..	349
Fuel and electricity (d)			Th.tons	
Coal	54.3	241	29.1	175
			..	22
Coke (including screenings) and manufactured fuel	35.6	187	8.4	81
			..	60

Continued on next page

TABLE 10 (continued)

	1954		1963	
	Quantity	Cost	Quantity	Cost
	Th.gal.	£'000	Th.gal.	£'000
Fuel and electricity (d) (continued)				
Derv fuel and motor spirit for use in road vehicles	1,457	310	2,080	464
	..	40	..	150
Other liquid fuels (including creosote/pitch mixtures, etc., and liquefied petroleum gases)	3,348	162	12,175	575
	..	17	..	90
	Th.therms		Th.therms	
Gas	4,772	296	4,910	298
	..	72	..	169
	Th.kWh		Th.kWh	
Electricity	126,893	912	196,232	1,495
	..	188	..	928
Total cost of materials and fuel		60,744		97,013
Goods purchased for merchanting		..		19,242
Canteen purchases		..		656
Total cost of purchases		..		116,911

- (a) Not recorded separately in 1954.
- (b) 'Stereo-metal' was not specifically included in 1954.
- (c) Described as 'Copper and zinc sheets and plates' in 1954.
- (d) The total quantity of electricity generated in firms' own establishments in this industry was 5,771 Th.kWh in 1954 and 2,576 Th.kWh in 1963.

TABLE 11 Transport costs and employment of larger firms, 1963

Firms employing 25 or more persons: United Kingdom

	Unit	1963
Average number employed mainly on transport	No.	2,197
Transport costs		
Wages and salaries	£'000	1,682
Derv fuel and motor spirit	"	614
Payments to other organisations for transport	"	3,282
Costs of operating road goods vehicles		
Insurance	"	129
Vehicle licences	"	79
Depreciation	"	561
Payments to other organisations for repairs and maintenance	"	349
Total	"	6,696

TABLE 12 Payments for certain services, etc. by larger firms, 1963 (a)

Firms employing 25 or more persons: United Kingdom

	Amounts payable
	£'000
Repairs and maintenance to	
Buildings	924
Road goods vehicles	347
Plant, machinery, and other capital equipment	2,049
Insurance, licensing and depreciation of road goods vehicles (b)	769
Rates, excluding water rates	2,893
Hire of plant and machinery	309
Postage, telephone, telegrams and cables	3,386
Total	10,678

- (a) No deduction is made for these payments to arrive at the figures of net output given in this report.
- (b) For details see Table 11.

TABLE 13 Percentage analysis of twelve-month periods covered by returns from larger firms, 1963

Firms employing 25 or more persons: United Kingdom

Year ended	Percentage of total number employed	Year ended	Percentage of total number employed
1963	Per cent.	1963 (contd.)	Per cent.
April (a)	3.8	November	2.3
May	1.6	December	37.1
June	6.9	1964	
July	1.0	January	3.0
August	1.2	February	5.1
September	8.8	March	27.6
October	1.6	Total	100

- (a) Including returns made for twelve-month periods ended 1st to 5th April, 1964.

TABLE 14 Sales of all parts of machinery and plant by larger firms, including sales by establishments classified to other industries, 1958 and 1963

This table is not applicable to this industry.

Capital Expenditure (continued)

(ii) Land and existing buildings.

The items shown are the capital cost of freeholds purchased and the capital cost or premium payable for leaseholds acquired (excluding the value of any assets acquired in taking over an existing business), and the amounts receivable for any freeholds or leaseholds disposed of. The value is that charged to capital account during the year of return.

(iii) Plant, machinery and vehicles.

The items shown are the value of plant and machinery and of vehicles acquired, both new and second-hand, and the amount received for items disposed of during the year. The value of plant and machinery acquired includes plant, etc. which firms produced for their own use in connection with the business covered by the return. The value of plant, etc. acquired is the expenditure charged to capital account during the year of return less any discounts received, but including the cost of transport and installation. No deduction is made for depreciation, amortisation or obsolescence. The proceeds of items disposed of during the year exclude amounts written off for items scrapped.

Capital expenditure during the year in respect of manufacturing establishments where production had not started before the end of the year is excluded in this report for both 1958 and 1963.

Characteristic Products

The characteristic products of a sub-division are those in terms of which the sub-division is defined. They are products commonly associated in production and are usually similar in nature or manner of production. In most cases the characteristic products of each sub-division are indicated in Table 5 of the industry reports. For those industries for which an analysis by sub-divisions has been made, Table 2 shows the total sales of such characteristic products for each sub-division. The totals include, besides the products which define the sub-division, other items of output assumed to be closely related to them, e.g. waste products and work done.

Enterprise

The term enterprise is used in this report to mean one or more firms under common ownership or control. An enterprise normally consists either of a single firm, or of a parent company together with its subsidiary companies.

Entries

The number of entries shown in Tables 5, 6 and 8 against a particular output or production heading is the number of returns on which figures were recorded for that item.

Establishment

The census was based on the establishment, comprising in most cases the whole of the premises under the same ownership or management at a particular address (e.g. a factory or mine); but firms were asked to exclude from all sections of their returns particulars relating to any department not engaged in production for which they kept a separate set of accounts. Where separate accounts were not kept, they were asked to include merchanting or factoring, canteens operated by them and other

ancillary activities such as bottling, packing and the manufacture of containers for packing their own products, whether or not these activities are carried on at the same address as the works. Building and engineering maintenance departments and selling and transport departments were treated similarly.

Gross Output

The gross output of an industry is the aggregate value of goods made and other work done during the year by the establishments classified to the industry. It is derived by subtracting from the value of sales and work done, the value of stocks of goods on hand for sale and work in progress at the beginning of the year and adding the value at the end of the year.

Larger Firms

These are firms in which twenty-five or more persons were employed on the average during the year.

Net Output

The net output of an industry represents the value added to materials by the process of production. It includes the gross margin on any merchanted or factored goods sold; it constitutes the fund from which wages, salaries, insurance, pensions, hire of plant and machinery, payments for repairs and maintenance, costs of operating road vehicles, rents, rates and taxes, advertising and other selling expenses and all other similar charges have to be met, as well as depreciation and profits. There is no appreciable duplication in net output. Net output has been obtained by deducting from the gross output the cost of purchases adjusted for stock changes, payments for work given out to other firms, and payments for transport.

Normally any customs or excise duty on materials purchased is included in the cost of materials. Similarly, finished goods sold have been valued as they were sold, duty paid or duty free. The amounts of duty, subsidies, allowances and levies receivable or payable, where of substantial importance in the industry, were required to be stated separately, and these items were taken into account when calculating net output.

Net output per person employed

The figures for net output per person employed are derived by dividing the net output by the average number of persons employed (full-time and part-time) on all activities covered by the returns, including operatives, administrative, technical and clerical employees and working proprietors, but excluding outworkers.

Principal Products

The principal products of an industry are those in terms of which the industry is defined. They are products commonly associated in production, and are usually similar in nature or manner of production.

Production

This means the total quantity of a product made during the year, whether sold in the year, added to stock, transferred to another department of the same firm, or used in the manufacture of other products within the business covered by the return. It includes goods produced from materials supplied by other firms.

Purchases

Purchases include the cost of materials and components bought for use in production; of fuel and electricity for all purposes; of packing materials, including the full cost of returnable cases and containers when first purchased; of workshop materials, office materials and materials for repairs to firms' own buildings, plant and vehicles when carried out by their own workpeople included in the return; of consumable tools; and of parts for machinery purchased during the year as replacements. Water charges are also included. In general purchases of goods for merchanting or factoring and canteen supplies are included. Materials supplied by customers for processing are excluded.

The values shown include any duty paid (less rebate, etc.) but exclude trade discounts allowed. The cost of transport is included only if included in the cost of materials as invoiced; amounts paid to transport organisations, including firms' own separate transport organisations, for delivery of materials and fuel are, therefore, excluded. Materials purchased overseas are included at their c.i.f. cost plus any duty payable if the cost of transport from the docks was not included in the invoiced price, but at their full delivered cost if invoiced 'carriage paid home'. Materials and fuel transferred from another department of the firm not covered by the same return are included at the estimated selling value recorded by the other department.

Sales

Sales are in respect of goods made by the business covered by the return, goods made for it by outworkers or by other firms from materials given out to them (sometimes described as goods made on commission) and waste products. Any machinery or other capital items produced for use in the business covered by the return are included, the value being that adopted in the firm's capital asset account. Goods sold without being subjected to any manufacturing process (merchanting or factored) and canteen takings are included as in 1958.

The value shown for sales is the net selling value, defined as the amount charged to customers whether on an ex-works or delivered basis, net of any trade discounts, agents' commissions, allowances for returnable cases, purchase tax, etc.; the net amount charged for packing materials is included. Goods charged on a delivered basis to customers overseas are included at the f.o.b. value. For work done on commission or for the trade the value shown is the net amount charged.

Where goods produced in one department were transferred to another department of the same firm not covered by the return, these transfers were treated as sales by the producing department and valued as far as possible as if they had been sold to an independent purchaser. Goods transferred to wholesale or retail selling organisations for which separate accounts were kept were valued on the same basis. Estimations of a similar kind were also sometimes necessary in valuing transfers between different firms belonging to the same enterprise. To the extent that the sales of finished products of one establishment may constitute the materials purchased by another, total figures of the value of sales (and of materials and fuel purchased) include an element of duplication.

Services rendered

This represents the amounts charged for hiring out plant, machinery and other goods, providing transport, or for any technical or other

services rendered to other organisations. It includes amounts credited for similar services rendered to other departments of the same firm not covered by the return.

Small Firms

These are firms in which fewer than twenty-five persons were employed on the average during the year.

Stocks and Work in Progress

Values are given of stocks of goods on hand for sale, and of materials and fuel, at the beginning and end of the year of return, including any stocks of goods held for merchanting or factoring. The values include duty in the case of dutiable goods held out of bond. The value of work in progress at the two dates is also usually shown. This excludes any progress payments made to sub-contractors, and no deduction is made on account of progress payments received.

Transport Payments

These represent the total amount paid or credited during the year for both outwards transport of finished goods sold and inwards transport of materials and fuel purchased. They include payments to other firms, and to any separate transport organisation of the same firm, not covered by the return, but exclude the value of transport services provided by the business covered by the return. The items included are payments for hired cartage and for inwards and outwards carriage by all forms of inland transport, i.e. railways, road haulage, canals, coast-wise shipping, air, etc. Payments made for sea freight on goods sold to customers overseas and on materials and fuel purchased from overseas suppliers are excluded.

Wages and Salaries

These are the amounts paid during the year to operatives and to administrative, technical and clerical employees. Payments to working proprietors, whether called salaries or not, are excluded; in Northern Ireland this exclusion extends also to payments to directors of limited companies. The values shown include all overtime payments, bonuses and commissions, whether paid regularly or not, and no deduction is made for income tax, insurances, contributory pensions, etc. The value of any payments in kind, travelling expenses, lodging allowances, etc. and employers' contributions to National Insurance and pension schemes is excluded.

Work given out

The figures shown represent the total amount paid for work done by other firms on materials supplied to them, and also by firms' own establishments for which separate returns were made. They do not include payments to individual outworkers or payments for business and other services.

Symbols used

The following symbols are used throughout the report:

- .. Not available
- Nil or negligible (less than half the final digit shown)
- * Figures cannot be shown owing to the risk of disclosing information about individual enterprises.

Rounding of Figures

The figures in the tables have, where necessary, been rounded to the nearest final digit. There may, therefore, be apparent slight discrepancies between the sums of the constituent items and the totals shown.

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