

BOARD OF TRADE

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*The Report on the
Census of Production
for 1954*

Volume 10: Industry 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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The Report on the Census of Production for 1954

VOLUME 10 INDUSTRY K

PRINTING AND PUBLISHING, BOOKBINDING, ENGRAVING, ETC.

THIS REPORT on the Printing and Publishing, Bookbinding, Engraving, etc. Industries relates to establishments wholly or mainly engaged in printing, (including lithographic, photo-litho, photogravure and other methods of printing) stereotyping, engraving, bookbinding and similar kinds of work. It also covers the printing and publishing of books. Establishments wholly or mainly engaged in the printing or publishing of newspapers and periodicals are the subject of a separate report (Volume 10, Industry J).

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

The report has been prepared in two parts: Part A covers those establishments which are engaged in general printing work (i.e. printing, stereotyping, engraving, etc.) and includes manufacturing publishers who both publish and do their own printing: Part B is confined to those establishments which are wholly or mainly non-printing publishers of books, maps, etc.

A summary table on page 10/K/18 brings together the main figures for both sides of the book publishing industry (i.e. the non-printing publishers and the manufacturing publishers whose activities are covered in Part A of the report).

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

No production by non-printing publishers was recorded in Northern Ireland.

LIST OF TABLES

| Table No. | Title | Page | | Table No. | Title | Page | |
|-----------|--|--------|---------|-----------|--|----------------|---------|
| | | Part A | Part B | | | Part A | Part B |
| 1 | Industry summary: estimates for the industry as a whole | 10/K/3 | | | | | |
| 2(i) | Summary of returns received: larger establishments | 10/K/4 | 10/K/13 | 6 | Sales of principal products of the industry by establishments classified to other industries | 10/K/8 | 10/K/16 |
| 2(ii) | Summary of returns received: small firms | 10/K/4 | 10/K/13 | 7 | Sales in the industry of other than principal products | 10/K/10 | 10/K/16 |
| 3 | Analysis by size, 1954 | 10/K/5 | 10/K/14 | 8 | Total make of intermediate products | Does not apply | |
| 4 | Analysis according to specialisation within the industry, 1954 | 10/K/5 | 10/K/14 | 9 | Purchases of materials and fuel, 1954 | 10/K/10 | 10/K/16 |
| 5(i) | Sales of principal products of the industry, including sales of these products by establishments classified to other industries: larger establishments | 10/K/6 | 10/K/15 | 10 | Average number of employees and wages, salaries and superannuation payments | 10/K/12 | 10/K/17 |
| 5(ii) | Total sales by small firms in Great Britain | 10/K/8 | 10/K/15 | 11 | Employment in a specified week | 10/K/12 | 10/K/17 |

Book publishing: Summary table. 10/K/18

IMPORTANT NOTES and definitions appear on the next page. In interpreting the data in the tables, it is essential to bear these in mind.

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The following notes describe terms in general use in the tables of the report. More detailed explanations of the terms used and a description of the scope and method of taking the census are given in the separate booklet entitled 'The Report on the Census of Production for 1954 - Introductory Notes' (price 1s. 6d. net).

Industrial Classification: Establishments are classified to industries according to the nature of their output and, as far as possible, in conformity with the Standard Industrial Classification. Certain products are identified as the principal products of individual industries, the principal products for a given industry being of a similar nature or commonly associated in production. The principle of classification normally followed is that an establishment is classified to an industry if its output of the principal products of that industry accounted for a greater proportion of the value of its output than did its output of the principal products of any other industry.

Specialist producers normally comprise those establishments 50 per cent. or more of whose total output by value is accounted for by the characteristic products of the specialist group.

Intermediate products: For some industries figures are given showing the total quantities made during the year of intermediate products, i.e., products which may be further processed in the establishments in which they are produced.

Larger establishments: The information given in the report relates mainly to 'larger establishments', i.e., establishments of firms employing on the average more than 10 persons. In most cases an establishment comprises the whole of the premises under the same ownership or management at a particular address (e.g., a mine or factory). Offices, warehouses, laboratories and other ancillary places of business situated apart from the producing works are not regarded as separate establishments and are included in the return for the works.

Small firms are those employing on the average 10 or fewer persons.

The estimates for the industry as a whole given in Table 1 are normally obtained by increasing the other items shown in the same proportion as total employment.

Gross output (production) is the total value of goods made and other work done during the year; it is obtained by adjusting the value of sales and work done during the year for changes in the value of stocks of products on hand for sale and work in progress.

Net output is the amount left after deducting from the value of gross output the aggregate of the cost of materials and fuel used, the amount paid for work given out and, for 1951 and 1954, any transport payments made. This represents the value added to materials by the process of production, and constitutes the fund from which wages, salaries, rents, rates and taxes, advertising and other selling expenses and all other similar charges have to be met, as well as depreciation and profits.

Sales means sales during the year of goods made in the establishment covered by the return or made on commission for it, whether produced in the year or not. The value of sales is the net selling value, i.e., the amount charged to customers, whether on an ex-works or delivered basis, and net of any trade discounts, agents' commissions, allowances for returnable cases, purchase tax, etc. For goods charged on a delivered basis to customers overseas, firms were required to give the f.o.b. value.

Materials and fuel: The total cost of materials and fuel purchased includes all purchases during the year of materials for use in production, and of fuel (includ-

ing oil, gas and electricity) for all purposes; packing materials, including the full cost of returnable cases when first purchased; workshop and office materials; water charges; materials for repairs to buildings, plant and vehicles when carried out by firms' own work-people included in their returns; consumable tools; and parts for machinery purchased as replacements. Purchases of goods for merchandising are excluded. The cost of materials and fuel used, given in Table 2, is obtained by adjusting purchases for changes during the year in the value of stocks.

Stocks: Firms were required to give stocks of materials and fuel, products on hand for sale, and work in progress, at income tax values.

Customs and Excise Duty paid on materials purchased is normally included in the cost of materials. Finished goods are similarly valued as they were sold, duty-paid or duty-free. The net amount of any duty paid is deducted in arriving at net output.

Employment: Total employment includes working proprietors, administrative, technical and clerical employees, and operatives, but excludes outworkers, canteen employees and persons engaged in merchandising or any other activity not covered by a firm's return, who are shown separately as excluded employees. Employees are persons on the pay-roll (i.e., persons whose National Insurance cards were held by employers), whether employed full-time or part-time.

Working proprietors are proprietors of businesses other than limited companies, together with members of their families who worked in the business without receiving fixed wages or salaries. Any persons working less than half the normal hours are excluded. For Northern Ireland directors of limited companies (other than those paid by fee only) are also included.

Administrative, technical and clerical employees include directors, other than those paid by fee only (except in Northern Ireland); managers, superintendents and works foremen; research, experimental, development, technical and design employees (other than operatives); draughtsmen and tracers; travellers; and office (including works office) employees.

Operatives include all other classes of employees, i.e., broadly speaking, all manual workers.

Outworkers are persons employed by the firm who work on materials supplied by the firm in their own homes.

Wages and salaries include all overtime payments, bonuses and commissions without any deductions for income tax, insurances, contributory pensions etc. They exclude payments to working proprietors.

Capital expenditure includes expenditure on new building work, and on plant, machinery and vehicles, charged to capital account during the year, including any transport and installation costs involved. It includes expenditure in respect of establishments in Great Britain which had not begun production before the end of the year (which has not previously been included in the Census of Production reports for individual industries).

Symbols used:

- .. for not available
- for nil or negligible (less than half the final digit shown).

Where figures are rounded, e.g., given to the nearest £ thousand, there may be apparent slight discrepancies between the sums of constituent items and the totals shown. In some cases, figures have been combined with others of a similar nature where publication of separate details might disclose information relating to an individual undertaking.

Industry Summary (a)

Estimates for the industry as a whole

TABLE 1

| | United Kingdom | | | | | | Scotland | | Wales | |
|--|---|--|---|--|---|--|---|--|---|--|
| | A.Print-ers Book- binders etc. | B.Pub- lishers (non- print- ing) | A.Print-ers Book- binders etc. | B.Pub- lishers (non- print- ing) | A.Print-ers Book- binders etc. | B.Pub- lishers (non- print- ing) | A.Print-ers Book- binders etc. | B.Pub- lishers (non- print- ing) | A.Print-ers Book- binders etc. | B.Pub- lishers (non- print- ing) |
| | 1948 | | 1951 | | 1954 | | 1954 | | 1954 | |
| | £ million | £ million | £ million | £ million | £ million | £ million | £ million | £ million | £ million | £ million |
| Gross output (production) | 147.0 | 25.1 | 206.1 | 30.7 | 219.7 | 34.5 | 18.47 | 0.85 | 1.58 | 0.03 |
| Net output | 94.5 | 8.8 | 117.6 | 10.4 | 131.2 | 13.2 | 10.78 | 0.32 | 1.01 | 0.01 |
| Total stocks and work in progress | | | | | | | | | | |
| At beginning of year | 25.4 | 5.5 | 33.5 | 8.7 | 36.6 | 11.1 | 4.43 | 0.43 | 0.22 | - |
| Change during year | + 4.5 | + 2.0 | + 16.2 | + 2.5 | + 4.9 | + 0.2 | + 0.55 | - 0.02 | + 0.04 | - |
| Capital expenditure less disposals (b) | 6.0 | 0.1 | 9.9 | 0.2 | 11.0 | 0.3 | 0.56 | 0.01 | 0.07 | - |
| Wages and salaries | 55.8 | 3.1 | 72.9 | 3.8 | 85.8 | 5.0 | 6.96 | 0.12 | 0.71 | - |
| | Thous- ands | Thous- ands | Thous- ands | Thous- ands | Thous- ands | Thous- ands | Thous- ands | Thous- ands | Thous- ands | Thous- ands |
| Total employment (including working proprietors) | 186.3 | 7.4 | 199.6 | 8.1 | 193.1 | 9.1 | 18.26 | 0.23 | 2.01 | 0.01 |
| Totals for the industry | £ million | | £ million | | £ million | | £ million | | £ million | |
| Gross output (production) | 172.1 | | 236.8 | | 254.1 | | 19.32 | | 1.61 | |
| Net output | 103.2 | | 128.1 | | 144.4 | | 11.10 | | 1.02 | |
| Total stocks and work in progress | | | | | | | | | | |
| At beginning of year | 30.9 | | 42.2 | | 47.7 | | 4.86 | | 0.22 | |
| Change during year | + 6.5 | | + 18.6 | | + 5.2 | | + 0.53 | | + 0.04 | |
| Capital expenditure less disposals (b) | 6.0 | | 10.1 | | 11.3 | | 0.57 | | 0.07 | |
| Wages and salaries | 58.9 | | 76.7 | | 90.8 | | 7.08 | | 0.71 | |
| | Thousands | | Thousands | | Thousands | | Thousands | | Thousands | |
| Total employment (including working proprietors) | 193.7 | | 207.7 | | 202.2 | | 18.49 | | 2.02 | |

(a) A summary table showing the main totals for the Book Publishing Industry appears on page 10/K/18 of this report.

(b) Capital expenditure on new building work, plant, machinery and vehicles (including (except in 1948) that incurred in Great Britain for establishments not yet in production), less amounts received for plant, machinery and vehicles disposed of.

PRINTERS, BOOKBINDERS, ETC.

Summary of returns received (a)

TABLE 2 (i)

| | Unit | Great Britain 1948 | United Kingdom | |
|--|-------|-----------------------|----------------|---------|
| | | | 1951 | 1954 |
| FIRMS EMPLOYING ON AVERAGE MORE THAN 10 PERSONS | | | | |
| Number of establishments | No. | 2,398 | 2,782 | 2,628 |
| Total value of sales and work done | £'000 | 130,287 | 186,143 | 194,515 |
| Products on hand for sale | " | 10,093 | 13,479 | 15,263 |
| and work in progress | " | + 1,510 | + 3,734 | + 2,322 |
| Gross output (production) (b) (c) | " | 131,045 | 189,877 | 196,837 |
| Purchases of materials and fuel | " | 38,424 | 75,808 | 65,425 |
| Stocks of materials and fuel | " | 12,047 | 16,661 | 16,855 |
| Cost of materials and fuel used | " | + 2,448 | + 10,831 | + 2,022 |
| Payment for work done on materials given out, authors' royalties, copyright payments, payments to contributors and press agencies, and editorial, artists' and readers' fees (less any payments received from authors) | " | 35,976 | 64,978 | 63,403 |
| Payment for transport (d) | " | 10,498 | 14,738 | 14,310 |
| | " | 752 | 1,638 | 1,971 |
| Net output | " | 84,571 | 108,524 | 117,153 |
| Average number of employees | No. | 135,766 | 149,237 | 139,403 |
| Total employment (f) | " | 26,145(e) | 29,897 | 29,796 |
| Net output per person employed (f) | " | 162,404 | 179,704 | 169,653 |
| | " | £ | 604 | 691 |
| Wages and salaries | £'000 | 37,028 | 49,735 | 57,429 |
| Capital expenditure | " | 11,601 | 15,898 | 17,962 |
| New building work (g) | " | 810 | 1,219 | 1,629 |
| Plant and machinery | " | 4,399 | 7,667 | 6,308 |
| Vehicles | " | 327 | 589 | 451 |
| | " | 387 | 772 | 1,000 |
| | " | 77 | 191 | 299 |

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

(b) For the year 1948 gross output excludes payments for transport services outwards on finished goods sold. For subsequent years gross output includes payments to other firms and undertakings and to firm's own separate transport organisations for transport services.

(c) Excluding excise duty on playing cards.

(d) Payments to other firms and undertakings and to firms' own separate transport organisations. For the year 1948 payments cover only transport outwards of finished goods sold. For subsequent years they cover payments for transport of both finished goods sold and materials and fuel purchased.

(e) Number in week ended September 25, 1948.

(f) Excluding outworkers and including working proprietors.

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

Summary of returns received

Small firms in Great Britain (a)

TABLE 2 (ii)

| | Unit | 1948 | 1951 | 1954 |
|--|-------|--------|--------|--------|
| Number of returns | No. | 3,272 | 3,274 | 3,047 |
| Gross output (sales) | £'000 | 10,449 | 12,740 | 14,091 |
| Purchases of materials and fuel | " | 2,950 | 4,566 | 4,314 |
| Payment for work done on materials given out | " | 886 | 1,012 | 1,005 |
| Net output (b) | " | 6,613 | 7,162 | 8,772 |
| Total employment (c) | No. | 16,636 | 15,858 | 15,056 |
| Males | " | 12,748 | 12,076 | 11,188 |
| Females | " | 3,888 | 3,782 | 3,868 |

(a) Firms, employing on average ten or fewer persons, that made satisfactory returns. In 1954 there were 65 small firms in Northern Ireland employing 288 persons (223 males and 65 females).

(b) The value of net output here is the difference between the value of gross output (sales) and cost of materials and fuel purchased during the year, less payment for work done on materials given out.

(c) Including working proprietors.

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TABLE 3 Analysis by size, 1954: Larger establishments in the United Kingdom

| Average number employed (a) | Estab-lish-ments | Gross output | Net output | Employees | | Wages and salaries | | Capital expenditure (b) | Net output per person employed (a) |
|-----------------------------|------------------|--------------|------------|------------|--------|--------------------|--------|-------------------------|------------------------------------|
| | | | | Operatives | Others | Operatives | Others | | |
| | Number | £'000 | £'000 | Number | Number | £'000 | £'000 | £'000 | £ |
| 11 - 24(c) | 1,080 | 18,185 | 11,056 | 14,321 | 3,154 | 5,540 | 1,642 | 728 | 623 |
| 25 - 49 | 710 | 26,160 | 15,955 | 19,912 | 4,337 | 7,880 | 2,492 | 1,235 | 655 |
| 50 - 99 | 463 | 35,312 | 21,570 | 26,604 | 5,346 | 10,768 | 3,207 | 1,549 | 674 |
| 100 - 199 | 230 | 38,373 | 23,141 | 26,524 | 5,465 | 11,059 | 3,615 | 1,757 | 723 |
| 200 - 299 | 65 | 18,372 | 11,110 | 13,204 | 2,602 | 5,595 | 1,631 | 1,180 | 703 |
| 300 - 399 | 29 | 12,380 | 7,152 | 8,264 | 1,744 | 3,784 | 1,089 | 486 | 715 |
| 400 - 499 | 15 | 8,797 | 4,586 | 5,586 | 1,167 | 2,200 | 648 | 544 | 679 |
| 500 - 749 | 18 | 13,671 | 8,426 | 9,248 | 1,792 | 3,943 | 1,180 | 498 | 763 |
| 750 - 999 | 9 | 8,564 | 5,663 | 5,722 | 1,780 | 2,420 | 1,072 | 474 | 755 |
| 1,000 and over | 9 | 17,023 | 8,495 | 10,018 | 2,409 | 4,241 | 1,387 | 484 | 684 |
| Total | 2,628 | 196,837 | 117,153 | 139,403 | 29,796 | 57,429 | 17,962 | 8,936 | 691 |

(a) Excluding outworkers and including working proprietors.

(b) Capital expenditure on new building work and on acquisition of plant, machinery and vehicles, excluding expenditure for establishments not yet in production.

(c) Including a small number of establishments with fewer than 11 persons employed, particulars of which were included with those for larger establishments on a single return.

Analysis according to specialisation within the industry, 1954
Larger establishments in the United Kingdom

TABLE 4

| | Unit | Specialist producers of, or specialists in | | | | | | | | | | Total |
|---|-------|--|-------|----------|-----------------------------------|---|-------------------------|----------|---|--|------------------------------|---------|
| | | Printed books | Music | Diar-ies | Printed books, music and diar-ies | Greet-ing cards, calen-dars and pic-ture post-cards | Other pub-lished matter | Printing | Machine ruling, bind-ing, stitch-ing and finish-ing | Stereo-typing, elec-tro typing and engraving | Re-main-der of the indus-try | |
| Number of establishments | No. | 61 | 8 | 8 | 4 | 59 | 38 | 1,763 | 158 | 243 | 286 | 2,628 |
| Total value of sales and work done | £'000 | 17,060 | 451 | 1,206 | 528 | 6,853 | 2,754 | 118,336 | 6,226 | 13,387 | 27,714 | 194,515 |
| Sales of characteristic products | " | 14,060 | 270 | 992 | 361 | 6,168 | 2,083 | 94,271 | 5,572 | 12,755 | | |
| Products on hand for sale | " | 2,989 | (a) | (a) | 23 | 1,056 | 1,531 | 6,886 | 202 | 149 | 2,030 | 15,263 |
| and work in progress | " | + 216 | + 3 | + 33 | + 1 | + 125 | + 44 | + 1,545 | + 21 | + 13 | + 322 | + 2,322 |
| Gross output (production) | " | 17,276 | 454 | 1,239 | 529 | 6,978 | 2,798 | 119,881 | 6,247 | 13,400 | 28,035 | 196,837 |
| Purchases of materials and fuel | " | 5,454 | 89 | 357 | 117 | 2,417 | 838 | 41,767 | 1,667 | 2,511 | 10,208 | 65,425 |
| Stocks of materials and fuel | " | 1,244 | 26 | 186 | 31 | 513 | 524 | 10,606 | 570 | 387 | 2,768 | 16,855 |
| Cost of materials and fuel used | " | + 160 | - 2 | + 10 | + 3 | + 220 | + 28 | + 1,159 | + 65 | + 30 | + 349 | + 2,022 |
| Payment for work done on materials given out, authors' royalties, copyright payments, payments to contributors and press agencies and editorial, artists' and readers' fees (less any payments received from authors) | " | 5,294 | 92 | 347 | 113 | 2,197 | 810 | 40,608 | 1,602 | 2,481 | 9,859 | 63,403 |
| Payment for transport | " | 1,514 | 75 | 173 | 26 | 568 | 208 | 9,884 | 196 | 459 | 1,207 | 14,310 |
| Net output | " | 223 | 2 | 9 | 3 | 140 | 26 | 1,019 | 66 | 91 | 393 | 1,971 |
| Average number of employees | No. | 10,245 | 284 | 709 | 388 | 4,073 | 1,755 | 68,370 | 4,383 | 10,370 | 16,576 | 117,153 |
| Total employment (b) | " | 11,837 | 195 | 612 | 431 | 4,520 | 2,315 | 80,015 | 7,998 | 9,257 | 22,223 | 139,403 |
| Net output per person employed (b) | " | 3,064 | 112 | 172 | 81 | 1,231 | 586 | 17,671 | 788 | 2,013 | 4,078 | 29,796 |
| Wages and salaries | £'000 | 14,906 | 307 | 784 | 512 | 5,757 | 2,901 | 98,019 | 8,822 | 11,294 | 26,351 | 169,653 |
| Capital expenditure | " | 687 | 927 | 905 | 757 | 708 | 605 | 698 | 497 | 918 | 629 | 691 |
| New building work (c) | " | 4,717 | 76 | 248 | 220 | 1,333 | 1,036 | 32,579 | 2,697 | 5,716 | 8,807 | 57,429 |
| Plant and machinery | " | 1,693 | 66 | 134 | 51 | 721 | 352 | 10,764 | 469 | 1,463 | 2,249 | 17,962 |
| Vehicles | " | | | | | | | | | | | |
| | " | 207 | - | (a) | (a) | 40 | 42 | 858 | 88 | 68 | 287 | 1,629 |
| | " | 558 | 9 | (a) | (a) | 177 | 87 | 4,005 | 218 | 266 | 915 | 6,308 |
| | " | 120 | - | | | 6 | 8 | 230 | 11 | 7 | 66 | 451 |
| | " | 53 | 3 | 4 | 2 | 45 | 5 | 638 | 32 | 92 | 126 | 1,000 |
| | " | 17 | 1 | 1 | 1 | 10 | 1 | 194 | 8 | 27 | 39 | 299 |

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

(b) Excluding outworkers and including working proprietors.

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

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Sales of the principal products of the industry including sales of those products by establishments classified to other industries

Larger establishments in the United Kingdom (a)

TABLE 5 (i)

| Books and other published matter (i) Printed and published (b) (ii) Printed for other United Kingdom commercial publishers (c) | Sales and work done | | | | |
|---|------------------------------------|-----------------------|-------------------------|-----------------------|----------------|
| | 1951 | | 1954 | | |
| | Quantity | Value £'000 | Quantity | Value £'000 | Entries No. |
| Books and other published matter | | | | | |
| Printed books | { (i) .. (ii) .. | 11,908(d) 11,776 | | 13,555(d) 13,982 | 261 310 |
| Music | { (i) .. (ii) .. | 167 359 | | 165 427 | 6 22 |
| Diaries | { (i) Th.doz. 1,298 (ii) .. | 1,262(d) 525 | Th.doz. 1,304 .. | 1,812(d) 405 | 108 81 |
| Christmas cards and greeting cards | { (i) Th.gross 1,768 (ii) .. | 2,580 993 1,510 | Th.gross 1,835 .. | 3,568 867 1,923 | 204 182 |
| Calendars | { (i) .. (ii) .. | 881 378 783 | 257 | 1,278 548 511 | 256 160 |
| Picture postcards | { (i) .. (ii) .. | 610 126 218 | 532 | 494 93 238 | 36 34 |
| Other published matter (excluding newspapers, magazines, reviews, trade journals and similar periodicals) | { (i) .. (ii) .. | 3,030(d) 1,505 | | 4,266(d) 1,870 | 320 150 |
| Royalties and receipts for reproduction rights, etc. (e) | | 136 | | 214 | 27 |
| Total published matter | { (i) .. (ii) .. | 21,878 16,676 | | 26,861 19,357 | |
| Other goods sold or work done | | | | | |
| Manuscript books | | | | | |
| Account books, etc. | { Th.cwt. 99.1 .. | 1,173 2,162 | Th.cwt. 47.0 .. | 628 1,553 | 569 |
| Other manuscript books, stapled, etc. (e.g. school exercise books, duplicate books) | { 303.4 .. | 4,163 2,181 | 278.9 .. | 3,259 2,817 | 502 |
| Albums and the like | | | | | |
| Playing cards (f) | | 932 | .. | 925 | 82 |
| Tickets, showcards and posters, returned as such (g) | | 1,651 | .. | 1,745 | 123 |
| Transfer printing (g) | | 523 | .. | 1,145 | 21 |

TABLE 5 (i) (contd.)

| Other goods sold or work done (contd.) | Sales and work done | | | | | |
|---|---|--|---|----------------|--|----------------|
| | 1951 | | 1954 | | | |
| | Main materials supplied by customers £'000 | Main materials supplied by firms doing the work £'000 | Main materials supplied by customers £'000 | Entries No. | Main materials supplied by firms doing the work £'000 | Entries No. |
| Lithographic, chromo-litho, photo-litho and type-litho printing | | | | | | |
| Posters | 313 | 2,469 | 109 | 33 | 2,217 | 183 |
| Other | 1,734 | 16,202 | 1,312 | 109 | 15,403 | 353 |
| Photogravure printing | 2,835 | 1,300 | 880 | 11 | 2,358 | 31 |
| Other photographic printing, not elsewhere specified | 64 | 677 | 72 | 6 | 839 | 51 |
| Copper and steel printing | 55 | 1,835 | 243 | 26 | 2,769 | 47 |
| Silk screen printing | 96 | 1,158 | | | 1,733 | 99 |
| General printing, not included elsewhere | | | | | | |
| Tag, label and ticket printing | 65 | 3,288 | 62 | 27 | 3,914 | 747 |
| Catalogues, trade lists and advertising material | 445 | 13,116 | 474 | 95 | 16,824 | 1,044 |
| Forms for loose leaf binders | 36 | 1,259 | 22 | 32 | 1,270 | 640 |
| Cards for card index equipment | 19 | (h) | 24 | 22 | (i) | .. |
| Tabulating machine cards | 4 | 1,434 | 6 | 11 | 1,766 | 156 |
| Pattern cards | 10 | (h) | 6 | 7 | (i) | .. |
| Other general printing | 2,821 | 56,425 | 2,482 | 297 | 53,854 | 2,051 |
| Machine ruling | 292 | 590 | 245 | 119 | 619 | 343 |
| Binding (including re-binding) | 823 | 6,169 | 590 | 147 | 6,947 | 589 |
| Stitching, folding, cutting, etc. | 243 | 804 | 293 | 146 | 738 | 330 |
| Stereotyping and electrotyping | 54 | 1,344 | 3 | 5 | 1,763 | 140 |
| Engraving of blocks, plates, etc. | | | | | | |
| Process blocks (relief work) | 95 | 5,129 | 435 | 113 | 7,357 | 207 |
| Other | 102 | 1,206 | 180 | 29 | 882 | 114 |
| Photo-litho off-set plates | 195 | 903 | 163 | 20 | 1,077 | 59 |
| Die-sinking and relief stamping | 413 | 1,033 | 324 | 35 | 1,107 | 223 |
| Typesetting | 407 | 1,768 | 223 | 24 | 2,370 | 403 |
| Engraving on purchased name plates, labels, dials, scales, memorial plates, etc. (g)(j) | 27 | 178 | 63 | 8 | 116 | 6 |
| Gilding, blocking, stamping, lettering, etc. (g) | 19 | 101 | | | 298 | 25 |
| Tin printing (g) | 380 | 79 | - | - | 477 | .. |
| Other products or work done | 64 | 553 | 110 | 22 | 509 | 67 |
| Waste products sold | £'000 1,059 | | £'000 471 | | 1,195 | |
| Total | 183,031 | | 194,290 | | .. | |
| Goods sold and work done in other industries (see Table 6) | 18,270 | | 20,928 | | .. | |
| Total goods sold and work done (principal products, including published matter) by establishments in the industry | 164,761 | | 173,362 | | 2,420 | |

(a) For output of small firms see Table 5(ii).

(b) Including 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.

(c) Some of this work is done for manufacturing publishers whose sales are recorded under (i), and some for the non-printing publishers dealt with in Part B of this report.

(d) Including net advertisement revenue. The total amount so included for 1951 was £1,268,000 (£804,000 from printed books and £464,000 from diaries and other published matter); for 1954 the amount was £1,290,000 (£795,000 from printed books and £495,000 from diaries and other published matter). Advertisement revenue for newspapers, magazines, reviews, trade journals and similar periodicals is excluded.

(e) Amount received.

(f) The values shown exclude any Excise duty paid by the firms.

(g) So far as recorded separately.

(h) Included in the figures shown for 'Other and unclassified manufactures of paper and cardboard' in Table 10 of the published report for 1951.

(i) For output where main materials are supplied by firms doing the work see Table 7.

(j) Excluding name plates, etc. engraved by firms that also made the blanks. For such name plates, etc. of brass see the Brass Manufactures Industry (Volume 5, Industry F).

Total sales by small firms in Great Britain (a)

TABLE 5 (ii)

| | 1951 | | 1954 | |
|---|---------------|---------------|-------|--------------|
| | Value | Value | Value | Entries |
| | £'000 | £'000 | £'000 | Number |
| Published matter, including newspapers, magazines, journals, etc. | | | | |
| Sales revenue | 96 | 421 | | 202 |
| Advertisement revenue (net charges) | 41 | 89 | | 88 |
| Printing for customers | 10,703 | 11,175 | | 2,551 |
| Other work done or goods made | 1,899 | 2,405 | | 779 |
| Total | 12,740 | 14,091 | | 3,047 |

(a) Firms, employing on the average ten or fewer persons, that made satisfactory returns.

Sales of principal products of the industry by establishments classified to other industries

Larger establishments in the United Kingdom (a)

TABLE 6

| Books and other published matter (i) Printed and published (ii) Printed for other United Kingdom commercial publishers | Sales and work done | | | Principal industries in which produced (b) |
|---|---------------------------------|------------------------------|------------------------|---|
| | 1954 | | | |
| | Quantity | Value | Entries | |
| | | £'000 | No. | |
| Books and other published matter | | | | |
| Printed books | { (i) .. (ii) .. Th.doz. | 5,978 (c) 1,138 | 105 41 | 10I, 10J |
| Diaries | { (i) 16 (ii) .. Th.gross | 36 (c) 27 28 | 8 10 | 10J |
| Christmas cards and greeting cards | { (i) 186 (ii) .. | 305 (d) | 26 | 10I, 10J |
| Calendars | { (i) 19 (ii) .. | 104 77 (d) | 40 | 10I, 10J |
| Other published matter (excluding newspapers, magazines, reviews, trade journals and similar periodicals) | { (i) .. (ii) .. | 874 (c) 129 | 195 22 | 10J 10H, 10J |
| Total published matter | { (i) .. (ii) .. | 7,400 1,296 | | |
| Other goods sold or work done | | | | |
| Manuscript books | Th.cwt. | | | |
| Account books, etc. | { 28.4 .. | 153 174 | 34 | 10I, 10J |
| Other manuscript books, stapled, etc. (e.g. school exercise books, duplicate books) | { 92.9 .. | 1,104 278 | 26 | 10H, 10I, 10J |
| Albums and the like | .. | 236 | 19 | 10I |
| Tickets, showcards and posters, returned as such | .. | 1,038 | 69 | 5K, 10H, 10I, 10J |
| Transfer printing | .. | | | |

TABLE 6 (contd.)

| | Sales and work done | | | | Principal industries in which produced (b) |
|--|---|---------|---|---------|--|
| | 1954 | | | | |
| | Main materials supplied by customers | Entries | Main materials supplied by firms doing the work | Entries | |
| | £'000 | No. | £'000 | No. | |
| Other goods sold or work done (contd.) | | | | | |
| Lithographic, chromo-litho, photo-litho, and type-litho printing | | | | | |
| Posters | | | | | |
| Other | 69 | 5 | 38 | 9 | 3K, 10A, 10F, 10J |
| Other photographic printing, not elsewhere specified | | | | | |
| Silk screen printing | | | | | |
| General printing, not included elsewhere | 108 | 7 | 1,127 | 37 | 4H, 10D, 10H, 10J |
| Catalogues, trade lists and advertising material | | | | | |
| Tag, label and ticket printing | - | - | 145 | 16 | 4H, 10H, 10J |
| Forms for loose leaf binders | | | | | |
| Tabulating machine cards | 278 | 27 | 6,211 | 446 | 3G, 10H, 10I, 10J |
| Other general printing | | | | | |
| Machine ruling | - | - | 1 | .. | |
| Binding (including re-binding) | | | 135 | 11 | |
| Stitching, folding, cutting, etc. | 9 | 6 | 39 | 10 | 10H, 10I, 10J |
| Stereotyping and electrotyping | | | | | |
| Engraving of blocks, plates, etc. | | | | | |
| Process blocks (relief work) | 375 | 105 | 314 | 11 | 10H, 10I, 10J |
| Other | 67 | 19 | 52 | 8 | 4H, 10I, 10J |
| Die sinking and relief stamping | | | 161 | 13 | |
| Photo-litho off-set plates | - | - | | | |
| Typesetting and tin printing | 2 | .. | 96 | 13 | 3G, 10J |
| Engraving on purchased name plates, labels, dials, scales, memorial plates, etc. | | | | | |
| Gilding, blocking, stamping, lettering, etc. | - | - | 24 | 7 | 2L, 10H |
| Total goods sold and work done (including published matter) | | | £'000 20,928 | | |

(a) For convenience, all sales of principal products of this industry by establishments classified to other industries have been treated as principal products of the printing, bookbinding, etc. section of this industry.

(b) The volume number and industry references given are to the industries shown in the list at the back of this report.

(c) Including net advertisement revenue for printed books, diaries and other published matter, (excluding newspapers, magazines, reviews, trade journals and similar periodicals) amounting to £345,000.

(d) Owing to the risk of disclosure of information relating to individual firms, separate particulars cannot be given: they are included in the amount shown for 'Diaries (ii)'.

Sales in the industry of other than principal products
Larger establishments in the United Kingdom (a)

TABLE 7

| | 1954 | |
|--|----------|--------|
| | Quantity | Value |
| | Mn. | £'000 |
| Newspapers, magazines, reviews, trade journals and similar periodicals | | |
| Printed and published or printed for customers other than United Kingdom commercial publishers (b) | 82.3 | 2,027 |
| Printed for other United Kingdom commercial publishers | .. | 1,565 |
| | .. | 6,819 |
| | Th.cwt. | |
| Loose leaf binders | 11.6 | 291 |
| | .. | 316 |
| Envelopes | 38.1 | 412 |
| | .. | 449 |
| Notepaper and pads | 8.6 | 119 |
| | .. | 532 |
| Boxed stationery | 0.4 | 16 |
| | .. | 89 |
| Paper bags | 78.3 | 479 |
| | .. | 263 |
| Boxes and cartons of paper and cardboard | | |
| Rigid boxes (including rigid boxes delivered in the flat, and round boxes) | 59.5 | 508 |
| | .. | 703 |
| Other | 162.5 | 1,084 |
| | .. | 1,072 |
| Cards for card index equipment (c) | .. | 578 |
| Pattern cards (c) | .. | 913 |
| Counter check books, continuous invoice forms and the like | .. | 145 |
| Other and unclassified manufactures of paper and cardboard | .. | 2,350 |
| Metal manufactures | .. | 73 |
| Other goods and work done | .. | 350 |
| Total | | 21,153 |

(a) For output of small firms see Table 5(ii).

(b) Including net charges for advertisements. The total amount of advertisement revenue from newspapers, magazines, reviews, trade journals and similar periodicals was £884,000.

(c) Where main materials were supplied by firms doing the work. For output where main materials were supplied by customers, see Table 5(i).

TABLE 8 - Total make of intermediate products

Larger establishments in the United Kingdom

This table is not appropriate to the industry

Purchases of materials and fuel, 1954

Larger establishments in the United Kingdom

TABLE 9

| | Quantity | Cost |
|---|----------|--------|
| | Th.cwt. | £'000 |
| Materials | | |
| Newsprint | 96.3 | 289 |
| | .. | 92 |
| Stationery and writing paper purchased for printing | 852.5 | 5,610 |
| | .. | 2,174 |
| Other paper for printing work | 2,660.8 | 18,692 |
| | .. | 9,305 |

(94207)

TABLE 9 (contd.)

| | Quantity | Cost |
|---|-----------|--------|
| | Th.cwt. | £'000 |
| Materials (contd.) | | |
| Other paper (except packing materials) | 351.7 | 2,188 |
| | .. | 982 |
| Strawboard, cardboard, millboard or fibre-board (except packing materials) | 1,030.1 | 3,081 |
| | .. | 1,371 |
| Printers' ink | 102.9 | 2,473 |
| | .. | 947 |
| | Th.sq.yd. | |
| Piece goods for bookbinding (except leather cloth) | 6,820.5 | 677 |
| | .. | 231 |
| Leather cloth | 1,554.8 | 312 |
| | .. | 123 |
| Type moulds (plastic or papier-mâché) and duplicate plates | .. | 129 |
| Purchased process blocks | .. | 1,539 |
| Type and type metal purchased | .. | 975 |
| | Th.cwt. | |
| Copper and zinc sheets and plates | 34.8 | 574 |
| | .. | 376 |
| Metal for tin printing | 4.1 | 21 |
| | .. | 213 |
| Purchased loose leaf metals | 0.2 | 6 |
| | .. | 100 |
| Glue | 58.3 | 339 |
| | .. | 139 |
| Other bookbinding materials | .. | 730 |
| Photographic materials | .. | 781 |
| Block mounting wood | .. | 126 |
| Loose printed sheets or bound books imported for publication | .. | 74 |
| Packing materials | | |
| Paper | 85.2 | 365 |
| | .. | 152 |
| Other | .. | 522 |
| Replacement parts for machinery, plant and vehicles and consumable tools bought as replacements | .. | 1,775 |
| All other purchased materials | .. | 5,218 |
| Fuel and electricity | | |
| | Th.tons | |
| Coal | 57.9 | 256 |
| Coke | 35.7 | 190 |
| | .. | 22 |
| Liquid fuel (including creosote/pitch mixtures) | | |
| For use in internal combustion engines | | |
| Motor spirit (petrol) for use in road vehicles and derv. fuel | 1,539.4 | 328 |
| | .. | 60 |
| Other | 182.1 | 13 |
| | .. | 5 |
| For burning in furnaces, boilers, kilns, etc. | 3,225.8 | 151 |
| | .. | 20 |
| Gas purchased | | |
| | Th.therms | |
| From Gas Boards | 5,217.8 | 322 |
| | .. | 101 |
| From other sources, including other departments of the same firms | 26.6 | 2 |
| | .. | 2 |
| Electricity purchased (a) | | |
| | Th.kWh. | |
| From Electricity Boards | 132,940.0 | 955 |
| | .. | 261 |
| From other sources, including other departments of the same firms | 2,704.0 | 15 |
| | .. | 9 |
| All other purchased fuel | .. | 15 |
| Total cost | | 65,425 |

(a) The total quantity of electricity generated in firms' own establishments in this industry in 1954 was 5,997 Th.kWh.

(94207)

Average number of employees and wages, salaries and superannuation payments (a)
Larger establishments in the United Kingdom

TABLE 10

| | 1951 | | 1954 | |
|---|---------|--|------------------|--|
| | Number | | Number | |
| Average number of employees | | | | |
| Operatives | 149,237 | | 139,403 | |
| Administrative, technical and clerical employees | 29,897 | | 29,796 | |
| Total | 179,134 | | 169,199 | |
| | £'000 | | £'000 | |
| Wages and salaries paid to | | | | |
| Operatives | 49,735 | | 57,429 | |
| Administrative, technical and clerical employees | 15,898 | | 17,962 | |
| Total | 65,632 | | 75,391 | |
| | £ | | £ | |
| Wages and salaries per head | | | | |
| Operatives | 333 | | 411 | |
| Administrative, technical and clerical employees | 532 | | 603 | |
| Superannuation and other pension funds for employees and dependents (b) | | | £'000 | |
| Employers' contributions | .. | | 1,181 | |
| Employees covered | .. | | Number 46,022 | |
| | | | £'000 | |
| Pension, etc. payments to former employees and dependents (b) | .. | | 372 | |

(a) The following persons not included above were also employed by larger establishments in this industry ('other workers' includes, for example, employees engaged in merchandising). Payments to outworkers are also shown:

| | 1951 | | 1954 | |
|--------------------------|--------|--|--------|--|
| | Number | | Number | |
| Canteen workers | | | | |
| Males | 22 | | 25 | |
| Females | 923 | | 878 | |
| Total | 945 | | 903 | |
| Other workers | | | | |
| Males | 1,065 | | 1,432 | |
| Females | 1,186 | | 1,070 | |
| Total | 2,251 | | 2,502 | |
| Total excluded employees | 3,196 | | 3,405 | |
| Outworkers | 1,501 | | 1,343 | |
| | £'000 | | £'000 | |
| Payment to outworkers | 129 | | 103 | |

(b) The figures given relate to larger establishments in Great Britain only.

Employment in a specified week (a)
Larger establishments in the United Kingdom

TABLE 11

| | 1951 | | | 1954 | | |
|--|---------|---------|---------|---------|---------|---------|
| | Males | Females | Total | Males | Females | Total |
| | Number | | | | | |
| Working proprietors | 524 | 46 | 570 | 417 | 37 | 454 |
| Operatives | 91,586 | 58,314 | 149,900 | 87,228 | 53,441 | 140,669 |
| Administrative, technical and clerical employees | 17,980 | 12,264 | 30,244 | 17,733 | 12,292 | 30,025 |
| Total employees | 109,566 | 70,578 | 180,144 | 104,961 | 65,733 | 170,694 |

(a) Week ended September 22, 1951, or October 30, 1954.

This part does not relate to the publishing industry as a whole, since it does not include the manufacturing publishers who are also printers (who are included in Part A). A summary table on Page 10/K/18 brings together the main figures for both the manufacturing and the non-printing publishers of books.

Summary of returns received (a)

TABLE 2 (i)

| | Unit | Great Britain | | |
|--|-------|---------------|---------|--------|
| | | 1948 | 1951 | 1954 |
| FIRMS EMPLOYING ON AVERAGE MORE THAN 10 PERSONS | | | | |
| Number of establishments | No. | 120 | 127 | 128 |
| Total value of sales and work done | £'000 | 20,113 | 26,169 | 31,447 |
| Products on hand for sale | " | 3,519 | 6,627 | 8,585 |
| and work in progress | " | + 1,367 | + 1,247 | + 126 |
| Gross output (production) (b) | " | 21,371 | 27,416 | 31,574 |
| Purchases of materials and fuel | " | 3,072 | 5,292 | 5,091 |
| Stocks of materials and fuel | " | 1,014 | 1,124 | 1,500 |
| Cost of materials and fuel used | " | + 276 | + 935 | + 68 |
| Payment for work done on materials given out, authors' royalties, copyright payments, payments to contributors and press agencies, and editorial, artists' and readers' fees (less any payments received from authors) | " | 2,796 | 4,357 | 5,024 |
| Payment for transport (c) | " | 10,989 | 13,466 | 14,285 |
| Net output | " | 109 | 228 | 293 |
| Average number of employees | No. | 7,586 | 9,365 | 11,972 |
| Operatives | " | 1,357 | 1,630 | 1,696 |
| Others | " | 4,741 (d) | 5,543 | 6,546 |
| Total employment (e) | " | 6,111 | 7,185 | 8,243 |
| Net output per person employed (e) | £ | 1,241 | 1,303 | 1,452 |
| Wages and salaries | £'000 | 363 | 512 | 647 |
| Capital expenditure | " | 2,182 | 2,882 | 3,870 |
| New building work (f) | " | 18 | 69 | 67 |
| Plant and machinery | " | 29 | 41 | 77 |
| Vehicles | " | 1 | 1 | 4 |
| | " | 34 | 88 | 139 |
| | " | 7 | 18 | 31 |

- (a) For small firms' summary see Table 2(ii).
 (b) For the year 1948 gross output excludes payments for transport services outwards on finished goods sold. For subsequent years gross output includes payments to other firms and undertakings and to firms' own separate transport organisations for transport services.
 (c) Payments to other firms and undertakings and to firms' own separate transport organisations. For the year 1948 payments cover only transport outwards of finished goods sold. For subsequent years they cover payments for transport of both finished goods sold and materials and fuel purchased.
 (d) Number in week ended September 25, 1948.
 (e) Excluding outworkers and including working proprietors.
 (f) Excluding expenditure for establishments not yet in production.

Summary of returns received
Small firms in Great Britain (a)

TABLE 2 (ii)

| | Unit | 1948 | 1951 | 1954 |
|--|-------|-------|-------|-------|
| Number of returns | No. | 224 | 166 | 129 |
| Gross output (sales) | £'000 | 2,994 | 2,867 | 2,020 |
| Purchases of materials and fuel | " | 376 | 514 | 277 |
| Amount paid for work done on materials given out | " | 1,686 | 1,419 | 881 |
| Net output (b) | " | 932 | 934 | 861 |
| Total employment (c) | No. | 1,037 | 796 | 595 |
| Males | " | 633 | 492 | 370 |
| Females | " | 404 | 304 | 225 |

- (a) Firms, employing on the average ten or fewer persons, that made satisfactory returns. In 1954 there were 7 small firms in Northern Ireland employing 17 persons (7 males and 10 females).
 (b) The value of net output here is the difference between the value of gross output (sales) and cost of materials and fuel purchased during the year, less payments for work done on materials given out.
 (c) Including working proprietors.

PUBLISHERS (NON-PRINTING FIRMS)

Analysis by size, 1954

Larger establishments in Great Britain

TABLE 3

| Average number employed (a) | Establishments | Gross output | Net output | Employees | | Wages and salaries | | Capital expenditure (b) | Net output per person employed (a) |
|-----------------------------|----------------|--------------|------------|------------|--------|--------------------|--------|-------------------------|------------------------------------|
| | | | | Operatives | Others | Operatives | Others | | |
| | Number | £'000 | £'000 | Number | Number | £'000 | £'000 | £'000 | £ |
| 11 - 24 (c) | 48 | 4,115 | 1,313 | 188 | 635 | 71 | 425 | 18 | 1,594 |
| 25 - 49 | 36 | 5,694 | 2,033 | 302 | 948 | 110 | 617 | 53 | 1,627 |
| 50 - 99 | 26 | 6,481 | 2,381 | 458 | 1,277 | 160 | 719 | 42 | 1,373 |
| 100 - 199 | 11 | 6,756 | 2,506 | 279 | 1,172 | 114 | 649 | 67 | 1,727 |
| 200 - 299 | 3 | 3,004 | 983 | 243 | 528 | 97 | 323 | 14 | 1,274 |
| 300 - 999 | 4 | 5,524 | 2,756 | 226 | 1,986 | 95 | 1,136 | 90 | 1,246 |
| Total | 128 | 31,574 | 11,972 | 1,696 | 6,546 | 647 | 3,870 | 283 | 1,452 |

(a) Excluding outworkers and including working proprietors.

(b) Capital expenditure on new building work and on acquisition of plant, machinery and vehicles, excluding expenditure for establishments not yet in production.

(c) Including a small number of establishments with fewer than 11 persons employed, particulars of which were included with those for larger establishments on a single return.

Analysis according to specialisation within the industry, 1954

Larger establishments in Great Britain

TABLE 4

| | Unit | Specialist producers of | | | | Total |
|---|-------|-------------------------|-------|---|------------------------|--------|
| | | Printed books | Music | Greeting cards, calendars and picture postcards | Other published matter | |
| Number of establishments | No. | 106 | 9 | 7 | 6 | 128 |
| Total value of sales and work done | £'000 | 29,691 | 650 | 776 | 330 | 31,447 |
| Sales of characteristic products | " | 27,927 | 362 | 706 | 308 | 29,303 |
| Products on hand for sale | " | 8,240 | 164 | 104 | 77 | 8,585 |
| and work in progress | " | + 69 | - 7 | + 60 | + 4 | + 126 |
| Gross output (production) | " | 29,760 | 643 | 836 | 334 | 31,574 |
| Purchases of materials and fuel | " | 4,665 | 43 | 349 | 34 | 5,091 |
| Stocks of materials and fuel | " | 1,417 | 27 | 52 | 4 | 1,500 |
| change during year | " | + 55 | - 1 | + 14 | - | + 68 |
| Cost of materials and fuel used | " | 4,610 | 44 | 334 | 35 | 5,024 |
| Payment for work done on materials given out, authors royalties, copyright payments, payments to contributors and press agencies, and editorial, artists' and readers' fees (less any payments received from authors) | " | 13,721 | 218 | 187 | 160 | 14,285 |
| Payment for transport | " | 274 | 8 | 7 | 5 | 293 |
| Net output | " | 11,155 | 374 | 308 | 135 | 11,972 |
| Average number of employees | No. | 1,364 | 67 | 224 | 41 | 1,696 |
| operatives | " | 6,105 | 305 | 70 | 66 | 6,546 |
| others | " | 7,469 | 372 | 294 | 108 | 8,243 |
| Total employment (a) | " | 1,494 | 1,005 | 1,049 | 1,252 | 1,452 |
| Net output per person employed (a) | £ | 1,494 | 1,005 | 1,049 | 1,252 | 1,452 |
| Wages and salaries | £'000 | 537 | 24 | 74 | 13 | 647 |
| of operatives | " | 3,600 | 168 | 67 | 35 | 3,870 |
| of others | " | 65 | - | 2 | - | 67 |
| Capital expenditure | " | 70 | 5 | 2 | - | 77 |
| New building work (b) | " | 1 | 3 | - | - | 4 |
| Plant and machinery | " | 130 | 6 | 1 | 2 | 139 |
| acquisitions (b) | " | 30 | 1 | - | 1 | 31 |
| disposals | " | | | | | |
| Vehicles | " | | | | | |
| acquisitions (b) | " | | | | | |
| disposals | " | | | | | |

(a) Excluding outworkers and including working proprietors.

(b) Excluding expenditure at establishments not yet in production.

PUBLISHERS (NON-PRINTING FIRMS)

Sales of the principal products of the industry, including sales of these products by establishments classified to other industries

Larger establishments in Great Britain (a)

TABLE 5 (i)

| | 1951 | | 1954 | | |
|---|---------------------|----------|-----------------|----------|---------|
| | Quantity | Value | Quantity | Value | Entries |
| Published matter | | £'000 | | £'000 | Number |
| Printed books (b) | .. | 23,233 | .. | 27,927 | 106 |
| Music | .. | 413 | .. | 528 | 19 |
| Diaries (b) | Th.doz. 13 .. | 56 20 | Th.doz. 2 | 11 | 5 |
| Christmas cards and greetings cards | Th.gross 785 | 839 | Th.gross 814 | 686 | 14 |
| Calendars and picture postcards | 120 .. | 76 89 | 156 .. | 85 88 | 9 |
| Other published matter (excluding newspapers, magazines, reviews, trade journals and similar periodicals) (b) | .. | 123 | .. | 435 | 19 |
| Royalties and receipts for reproduction rights, etc. | .. | 412 | .. | 680 | 88 |
| Total | | 25,262 | | 30,440 | 128 |
| Sales in other industries | | - | | - | .. |
| Principal products of this industry sold by establishments in the industry | | 25,262 | | 30,440 | 128 |

(a) For output of small firms see Table 5(ii).

(b) Including net advertisement revenue. The total amount so included for printed books, diaries and other published matter (excluding newspapers, magazines, reviews, trade journals and similar periodicals) was £459,000 in 1951 and £414,000 in 1954.

Total sales by small firms in Great Britain (a)

TABLE 5 (ii)

| | 1951 | 1954 | |
|---|-------|-------|---------|
| | Value | Value | Entries |
| Principal products | £'000 | £'000 | Number |
| Printed books (b) | 2,386 | 1,752 | 119 |
| All other published matter (excluding newspapers, magazines, reviews, trade journals and similar periodicals) (b) | 183 | 131 | 21 |
| Total principal products | 2,569 | 1,883 | .. |
| Other output | | | |
| Newspapers, magazines, reviews, trade journals and similar periodicals (b) | 155 | 81 | 22 |
| Other work done or goods made and royalties received | 143 | 55 | 34 |
| Total | 2,867 | 2,020 | 129 |

(a) Firms employing on the average ten or fewer persons, that made satisfactory returns.

(b) Including net advertisement revenue. For printed books and other published matter (excluding newspapers, magazines, reviews, trade journals and similar periodicals) this amounted to £58,000 in 1951 and £40,000 in 1954; for newspapers, magazines, reviews, trade journals and similar periodicals it amounted to £42,000 in 1951 and £19,000 in 1954.

PUBLISHERS (NON-PRINTING FIRMS)

TABLE 6 - Sales of principal products of the industry by establishments classified to other industries

Larger establishments in Great Britain

For convenience, any sales of principal products of this industry by establishments classified to other industries have been treated as principal products of the printing, bookbinding, etc. section of the industry.

Sales in the industry of other than principal products
Larger establishments in Great Britain (a)

TABLE 7

| | 1954 | |
|--|----------|-------|
| | Quantity | Value |
| | Mn. | £'000 |
| Newspapers, magazines, reviews, trade journals and similar periodicals published (b) | 18.4 | 739 |
| | .. | 136 |
| Manufactures of paper and cardboard | .. | 113 |
| Other goods | | 19 |
| Total | | 1,007 |

(a) For output of small firms see Table 5(ii).

(b) Including net charges for advertisements amounting to £329,000.

TABLE 8 - Total make of intermediate products

Larger establishments in Great Britain

This table is not applicable to the industry.

Purchases of materials and fuel, 1954: Larger establishments in Great Britain

TABLE 9

| | Quantity | Cost |
|---|-----------|-------|
| | Th.cwt. | £'000 |
| Materials | | |
| Paper for printing work | 543.0 | 3,145 |
| Process blocks | .. | 435 |
| Loose printed sheets or bound books imported for publication | .. | 302 |
| Packing materials | .. | 258 |
| All other purchased materials | .. | 201 |
| | .. | 648 |
| Fuel and electricity | Th.tons | |
| Coal | 0.4 | 3 |
| Coke | 1.2 | 7 |
| Liquid fuels (including creosote/pitch mixtures) | Th.gal. | |
| For use in internal combustion engines | | |
| Motor spirit (petrol) for use in road vehicles and derv. fuel | 166.4 | 36 |
| Other | 67.2 | 3 |
| For burning in furnaces, boilers, kilns, etc. | .. | 1 |
| Gas purchased | Th.therms | |
| From Gas Boards and other sources | 177.3 | 13 |
| Electricity purchased (a) | Th.kWh. | |
| From Electricity Boards and other sources | 2,976 | 31 |
| | .. | 7 |
| All other purchased fuel | | 1 |
| Total cost | | 5,091 |

(a) No electricity was generated in firms' establishments in this industry in 1954.

(94207)

PUBLISHERS (NON-PRINTING FIRMS)

Average number of employees and wages, salaries and superannuation payments

Larger establishments in Great Britain (a)

TABLE 10

| | 1951 | 1954 |
|---|--------|-----------------|
| | Number | Number |
| Average number of employees | | |
| Operatives | 1,630 | 1,696 |
| Administrative, technical and clerical employees | 5,543 | 6,546 |
| Total | 7,173 | 8,242 |
| Wages and salaries paid to | £'000 | £'000 |
| Operatives | 512 | 647 |
| Administrative, technical and clerical employees | 2,882 | 3,870 |
| Total | 3,395 | 4,517 |
| Wages and salaries per head | £ | £ |
| Operatives | 314 | 382 |
| Administrative, technical and clerical employees | 520 | 591 |
| Superannuation and other pension funds for employees and dependants | | |
| Employers' contributions | .. | £'000 193 |
| Employees covered | .. | Number 3,172 |
| Pension, etc. payments to former employees and dependants | .. | £'000 84 |

(a) The following persons, not included above, were also employed by larger establishments in this industry ('other workers' includes, for example, employees engaged in merchanting). Payments to outworkers are also shown:

| | 1951 | 1954 |
|--------------------------|------------|-------------|
| | Number | Number |
| Canteen workers | | |
| Males | 1 | 5 |
| Females | 37 | 32 |
| Total | 38 | 37 |
| Other workers | | |
| Males | 196 | 162 |
| Females | 195 | 190 |
| Total | 391 | 352 |
| Total excluded employees | 429 | 389 |
| Outworkers | | |
| Males | 4 | 7 |
| Females | 97 | 102 |
| Total | 101 | 109 |
| Payment to outworkers | £'000 9 | £'000 12 |

Employment in a specified week (a)

Larger establishments in Great Britain

TABLE 11

| | 1951 | | | 1954 | | |
|--|--------|---------|-------|-------|---------|-------|
| | Males | Females | Total | Males | Females | Total |
| | Number | | | | | |
| Working proprietors | 11 | 1 | 12 | 1 | - | 1 |
| Operatives | 1,170 | 463 | 1,633 | 1,206 | 477 | 1,683 |
| Administrative, technical and clerical employees | 2,962 | 2,694 | 5,656 | 3,382 | 3,240 | 6,622 |
| Total employees | 4,132 | 3,157 | 7,289 | 4,588 | 3,717 | 8,305 |

(a) Week ended September 22, 1951, or October 30, 1954.

(94207)

BOOK PUBLISHING

Summary Table

This table contains a summary of the returns received from firms mainly engaged in book publishing, comprising manufacturing publishers who are also printers (who are included in Part A above) and those who do not do their own printing (who are dealt with in Part B).

Larger establishments in the United Kingdom

| | Unit | 1954 | | |
|---|-------|--------------------------|-------------------------|--------|
| | | Manufacturing publishers | Non-printing publishers | Total |
| FIRMS EMPLOYING ON AVERAGE MORE THAN 10 PERSONS | | | | |
| Number of establishments | No. | 21 | 106 | 127 |
| Total value of sales and work done | £'000 | 9,307 | 29,691 | 38,998 |
| Sales of printed books (a) | " | 4,838 | 27,920 | 32,758 |
| Products on hand for sale | " | 2,087 | 8,240 | 10,327 |
| and work in progress | " | + 160 | + 69 | + 229 |
| Gross output (production) | " | 9,467 | 29,760 | 39,227 |
| Purchases of materials and fuel | " | 2,970 | 4,665 | 7,635 |
| Stocks of materials and fuel | " | 715 | 1,417 | 2,132 |
| change during year | " | + 153 | + 55 | + 208 |
| Cost of materials and fuel used | " | 2,817 | 4,610 | 7,427 |
| Payment for work done on materials given out, authors' royalties, copyright payments, payments to contributors and press agencies and editorial, artists' and readers' fees (less any payments received from authors) | " | 962 | 13,721 | 14,683 |
| Payment for transport | " | 136 | 274 | 411 |
| Net output | " | 5,551 | 11,155 | 16,706 |
| Average number of employees | No. | 5,526 | 1,364 | 6,890 |
| Total employment (b) | " | 2,306 | 6,105 | 8,411 |
| Net output per person employed (b) | " | 7,834 | 7,469 | 15,303 |
| Wages and salaries | £ | 709 | 1,494 | 1,092 |
| Capital expenditure | £'000 | 2,133 | 537 | 2,670 |
| New building work (c) | " | 1,172 | 3,600 | 4,772 |
| Plant and machinery | " | 158 | 65 | 223 |
| disposals | " | 229 | 70 | 299 |
| Vehicles | " | 7 | 1 | 8 |
| disposals | " | 36 | 130 | 165 |
| disposals | " | 11 | 30 | 41 |

(a) Including net advertisement revenue. In addition to these figures for larger firms mainly engaged in book publishing, there was a further £8,724,000 reported by other larger firms (in this and other industries), and £1,752,000 reported by smaller non-printing publishers, making the total reported in the Census £43,234,000.

(b) Excluding outworkers and including working proprietors.

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

LIST OF INDUSTRY REPORTS

VOLUME 1

- A. Coal Mines
- B. Non-Metalliferous Mines and Quarries (other than Coal, Salt and Slate)
- C. Salt Mines, Brine Pits and Salt Works
- D. Slate Quarries and Mines
- E. Metalliferous Mines and Quarries
- F. Brick and Fireclay
- G. China and Earthenware
- H. Glass Containers
- I. Glass (other than Containers)
- J. Cement
- K. Abrasives
- L. Building Materials
- M. Manufactured Fuel

VOLUME 2

- A. Coke Ovens and By-products
- B. Dyes and Dyestuffs
- C. Fertiliser, Disinfectant, Insecticide and Allied Industries
- D. Coal Tar Products
- E. Chemicals (General)
- F. Drugs and Pharmaceutical Preparations
- G. Toilet Preparations and Perfumery
- H. Explosives and Fireworks
- I. Paint and Varnish
- J. Soap, Candles and Glycerine
- K. Polishes
- L. Ink
- M. Match
- N. Mineral Oil Refining
- O. Oils and Greases
- P. Seed Crushing and Oil Refining
- Q. Glue, Gum, Paste and Allied Industries
- R. Plastics Materials

VOLUME 3

- A. Blast Furnaces
- B. Iron and Steel (Melting and Rolling)
- C. Iron Foundries
- D. Steel Sheets
- E. Tinplate
- F. Wrought Iron and Steel Tubes
- G. Non-Ferrous Metals (Smelting, Rolling, etc.)
- H. Scrap Metal Processing
- I. Motor Vehicles and Cycles (Manufacturing)
- J. Motor Vehicles and Cycles (Repairing)
- K. Aircraft Manufacture and Repair
- L. Railway Locomotive Shops and Locomotive Manufacturing
- M. Railway Carriages and Wagons and Trams
- N. Carts, Perambulators, etc.

VOLUME 4

- A. Shipbuilding and Ship Repairing
- B. Marine Engineering
- C. Machine Tools
- D. Textile Machinery and Accessories
- E. Small Arms
- F. Constructional Engineering
- G. Mechanical Handling Equipment

VOLUME 4 (contd.)

- H. Printing and Bookbinding Machinery
- I. Mechanical Engineering (General)
- J. Mechanical Engineering (Repairing)
- K. Electrical Engineering (General)
- L. Electric Wires and Cables
- M. Radio and Telecommunications
- N. Batteries and Accumulators
- O. Electric Lighting Accessories and Fittings

VOLUME 5

- A. Tool and Implement
- B. Cutlery
- C. Chain, Nail, Screw and Miscellaneous Forgings
- D. Wire and Wire Manufactures
- E. Hardware, Hollow-ware, Metal Furniture and Sheet Metal
- F. Brass Manufactures
- G. Needles, Pins, Fish Hooks and Metal Smallwares
- H. Scientific, Surgical and Photographic Instruments, etc.
- I. Watch and Clock
- J. Jewellery and Plate
- K. Precious Metals Refining
- L. Musical Instruments

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- B. Cotton Weaving
- C. Woollen and Worsted
- D. Rayon, Nylon, etc. Production
- E. Rayon, Nylon, etc. Weaving, and Silk
- F. Flax Processing
- G. Linen and Soft Hemp
- H. Jute
- I. Rope, Twine and Net
- J. Hosiery and Other Knitted Goods
- K. Lace
- L. Carpets
- M. Narrow Fabrics
- N. Canvas Goods and Sacks
- O. Textile Converting
- P. Made-up Household Textiles
- Q. Textile Finishing
- R. Textile Packing

VOLUME 7

- A. Asbestos
- B. Flock and Rag
- C. Hair, Fibre and Kindred Industries
- D. Leather (Tanning and Dressing)
- E. Fellmongery
- F. Leather Goods
- G. Fur
- H. Tailoring, Dressmaking, etc.
- I. Hats, Caps and Millinery
- J. Glove
- K. Umbrella and Walking Stick
- L. Boot and Shoe

VOLUME 8

- A. Grain Milling
- B. Bread and Flour Confectionery
- C. Biscuit
- D. Bacon Curing and Sausage

VOLUME 8 (contd.)

- E. Preserved Meat
- F. Milk Products
- G. Ice Cream
- H. Sugar and Glucose
- I. Cocoa, Chocolate and Sugar Confectionery
- J. Preserved Fruit and Vegetables

VOLUME 9

- A. Margarine
- B. Fish Curing
- C. Cattle, Dog and Poultry Foods
- D. Vinegar and Other Condiments
- E. Starch
- F. Ice
- G. Miscellaneous Preserved Foods
- H. Brewing and Malting
- I. Wholesale Bottling
- J. Spirit Distilling
- K. Spirit Rectifying and Compounding
- L. Soft Drinks, British Wines and Cider
- M. Tobacco

VOLUME 10

- A. Timber
- B. Furniture and Upholstery
- C. Soft Furnishings
- D. Shop and Office Fitting
- E. Wooden Containers and Baskets
- F. Paper and Board
- G. Wallpaper
- H. Cardboard Box, Carton and Fibre-board Packing Case
- I. Manufactured Stationery, Paper Bag and Kindred Industries
- J. Newspaper and Periodical Printing and Publishing
- K. Printing and Publishing, Bookbinding, Engraving, etc.

VOLUME 11

- A. Rubber
- B. Linoleum, Leathercloth and Allied Industries
- C. Brushes and Brooms
- D. Toys and Games
- E. Sports Requisites
- F. Miscellaneous Stationers' Goods
- G. Cinematograph Film Production
- H. Cinematograph Film Printing
- I. Plastic Goods and Fancy Articles
- J. Incandescent Mantles

VOLUME 12

- A. Building and Contracting
- B. Local Authorities (Building and Civil Engineering)
- C. Railways (Civil Engineering)
- D. Tramway, Trolley Bus and Omnibus Undertakings (Civil Engineering)
- E. Canal, Dock and Harbour Undertakings (Civil Engineering)
- F. Gas Supply Industry
- G. Electricity Supply Industry
- H. Water Undertakings

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