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BOARD OF TRADE

THE REPORT  
on the  
CENSUS OF PRODUCTION  
FOR 1951

Volume 6

Trade M

CANVAS GOODS AND SACKS



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

LONDON : HER MAJESTY'S STATIONERY OFFICE

1954

TWO SHILLINGS NET

20 1100

42  
[HA 251]

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\* Not applicable to this trade

CANVAS GOODS AND SACKS

6/M/1

CANVAS GOODS AND SACKS TRADE

THIS REPORT on the Canvas Goods and Sacks Trade relates to establishments engaged wholly or mainly in making-up canvas goods and in the manufacture and repair of sacks and bags. Particulars for 1948 and subsequent years cover establishments maintained by railway undertakings engaged in making-up or repairing tarpaulins, wagon-covers, etc.; railway companies were not covered in 1937 and did not make separate establishment returns in 1935. It is estimated that the net output and employment shown for 1935 is deficient on this account by about ten per cent. of the total for the trade.

The 1937 particulars also exclude establishments engaged solely in the repair and reconditioning of purchased sacks, these establishments being outside the scope of the 1937 Inquiry.

This trade corresponds to minimum list heading 122 (1) in the Standard Industrial Classification.

Particulars available in respect of H.M. prisons are given separately in footnote (b) to Table 1.

IMPORTANT NOTES and definitions appear on the inside of the back cover of this report. In interpreting the data in the following tables, it is essential to bear these in mind.

## CANVAS GOODS AND SACKS TRADE

Summary: Larger establishments (a)(b)

TABLE 1

|                                                | United Kingdom |        |        | Great Britain |        | United Kingdom |          |
|------------------------------------------------|----------------|--------|--------|---------------|--------|----------------|----------|
|                                                | 1951           | 1950   | 1949   | 1949          | 1948   | 1937 (c)       | 1935 (d) |
| Gross output (production) (e)                  | £'000          | £'000  | £'000  | £'000         | £'000  | £'000          | £'000    |
| Cost of materials and fuel used (f)            | 42,079         | 30,307 | 28,442 | 27,319        | 26,485 | 5,482          | 5,426    |
| Payment for work done on materials given out   | 33,441         | 23,592 | 22,353 | 21,358        | 20,586 | 4,034          | 3,977    |
| Transport payments (g)                         | 489            | 423    | 462    | 462           | 464    | 14             | 9        |
| Net output                                     | 448            | ..     | ..     | ..            | ..     | ..             | ..       |
| Wages and salaries of persons employed         | 7,701          | 6,292  | 5,627  | 5,499         | 5,435  | 1,434          | 1,440    |
| Average number of persons employed (h)         | No.            | No.    | No.    | No.           | No.    | No.            | No.      |
| Net output per person employed (h)             | 13,831         | 12,507 | 12,036 | 11,655        | 11,789 | 8,091          | 8,762    |
| Stocks at end of year                          | £              | £      | £      | £             | £      | £              | £        |
| Products on hand for sale and work in progress | 557            | 503    | 468    | 472           | 461    | 177            | 164      |
| Materials and fuel                             | £'000          | £'000  | £'000  | £'000         | £'000  | £'000          | £'000    |
| Number of establishments                       | No.            | No.    | No.    | No.           | No.    | No.            | No.      |
|                                                | 290            | 255    | 251    | 243           | 241    | ..             | 188      |

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

|                                                | £'000   | £'000  | £'000  | £'000  | £'000  | £'000 | £'000 |
|------------------------------------------------|---------|--------|--------|--------|--------|-------|-------|
| Output of firms in this trade (i)              |         |        |        |        |        |       |       |
| Principal products (j)                         | 40,069  | 30,432 | 28,683 | 27,557 | 25,340 | 4,583 | 4,849 |
| Other output (k)                               | 1,374   |        |        |        |        |       |       |
| Changes in stocks and work in progress (l)     | + 636   | + 131  | - 53   | - 55   | + 239  |       |       |
| Less payment for transport outwards (g)        | 42,079  | 30,563 | 28,630 | 27,502 | 26,631 | 5,482 | 5,426 |
|                                                | ..      | 255    | 188    | 183    | 146    |       |       |
| Gross output (production)                      | 42,079  | 30,307 | 28,442 | 27,319 | 26,485 | 5,482 | 5,426 |
| Materials and fuel used by firms in this trade |         |        |        |        |        |       |       |
| Purchases                                      | 34,544  | 23,511 | 22,431 | 21,406 | 20,621 | 4,034 | 3,977 |
| Changes in stocks (l)                          | - 1,103 | + 81   | - 78   | - 48   | - 35   |       |       |
| Materials and fuel used                        | 33,441  | 23,592 | 22,353 | 21,358 | 20,586 | 4,034 | 3,977 |

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

(b) H.M. prisons are excluded from this report. The following information relating to these institutions was recorded:-

|                                 | 1951  | 1950  | 1949  | 1948  |
|---------------------------------|-------|-------|-------|-------|
| Gross output                    | £'000 | £'000 | £'000 | £'000 |
| Cost of materials and fuel used | 1,037 | 885   | 980   | 1,187 |
|                                 | 984   | 767   | 958   | 1,008 |

(c) Excluding railway establishments and establishments engaged solely in the repair and reconditioning of purchased sacks. See Introductory Note.

(d) Excluding railway establishments. See Introductory Note.

(e) Gross output for 1951 includes payments to other firms and undertakings and to firms' own separate transport organisations for transport services. For other years payments for transport services outwards on finished goods sold are excluded.

(f) Amounts paid for delivery services are excluded for 1951 but included for other years.

(g) Payments to other firms and undertakings and to firms' own separate transport organisations. For 1951 they cover payments for transport of both goods sold and materials and fuel purchased. For other years payments cover only transport outwards of finished goods sold.

(h) Excluding outworkers but including working proprietors. For an estimate of the total number of persons employed in this trade see Table 3.

(i) Total value of sales (1951, 1950, 1949 and 1948) or production for sale (1937 and 1935).

(j) For details for 1951 and 1948 see Table 8(i).

(k) For details for 1951 and 1948 see Table 10.

(l) For details for 1951 see Table 21.

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## Summary

## Small firms (a)

TABLE 2

|                                                      | Great Britain |       | United Kingdom | Great Britain |       |
|------------------------------------------------------|---------------|-------|----------------|---------------|-------|
|                                                      | 1951          | 1950  | 1949           | 1949          | 1948  |
| Gross output (sales)                                 | £'000         | £'000 | £'000          | £'000         | £'000 |
| Cost of materials and fuel purchased during the year | 3,048         | ..    | ..             | ..            | 2,206 |
| Payment for work done on materials given out         | 2,277         | ..    | ..             | ..            | 1,569 |
| Net output (b)                                       | 18            | ..    | ..             | ..            | 77    |
| Average number of persons employed (c)               | 753           | ..    | ..             | ..            | 560   |
| Males                                                | No.           | No.   | No.            | No.           | No.   |
| Females                                              | 787           | 1,057 | 1,076          | 1,045         | 835   |
| Total                                                | 517           | 694   | 703            | 684           | 568   |
| Net output per person employed                       | 1,304         | 1,751 | 1,779          | 1,729         | 1,403 |
| Number of returns                                    | £             | £     | £              | £             | £     |
|                                                      | 578           | ..    | ..             | ..            | 399   |
|                                                      | No.           | No.   | Np.            | No.           | No.   |
|                                                      | 259           | 325   | 330            | 324           | 270   |

(a) Small firms (employing on the average ten or fewer persons) that made satisfactory returns. No information about small firms was collected in Northern Ireland for 1951 or 1950.

(b) The value of net output 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.

## Estimated average employment (a)

## All firms

TABLE 3

|                                                                       | United Kingdom |           |        | Great Britain |        |
|-----------------------------------------------------------------------|----------------|-----------|--------|---------------|--------|
|                                                                       | 1951           | 1950      | 1949   | 1949          | 1948   |
| As returned by firms                                                  |                |           |        |               |        |
| Employing on the average more than ten persons (b)                    | 13,831         | 12,507    | 12,036 | 11,655        | 11,789 |
| Employing on the average ten or fewer persons (c)                     | 1,304(d)       | 1,751(d)  | 1,779  | 1,729         | 1,403  |
| Estimated average employment in firms not making satisfactory returns | 15,135         | 14,258    | 13,815 | 13,384        | 13,192 |
|                                                                       | 201            | 150       | 263    | 263           | 401    |
| Estimated average employment in all firms                             | 15,336(d)      | 14,408(d) | 14,078 | 13,647        | 13,593 |

(a) Including working proprietors.

(b) See Tables 13(iv) and 14.

(c) See Tables 2 and 23(ii).

(d) Excluding any small firms in Northern Ireland.

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## Analysis by size, 1951

## Larger establishments in the United Kingdom

TABLE 4

| Average number employed | Establishments | Gross output | Net output | Persons employed | Remuneration |                     |       | Net output per person employed |
|-------------------------|----------------|--------------|------------|------------------|--------------|---------------------|-------|--------------------------------|
|                         |                |              |            |                  | Operatives   | Other employees (a) | Total |                                |
|                         | No.            | £'000        | £'000      | No.              | £'000        | £'000               | £'000 | £                              |
| 11 - 24                 | 113            | 5,344        | 1,031      | 1,845            | 381          | 167                 | 547   | 559                            |
| 25 - 49                 | 98             | 9,050        | 1,907      | 3,487            | 666          | 307                 | 973   | 547                            |
| 50 - 99                 | 50             | 13,550       | 2,276      | 3,572            | 698          | 307                 | 1,005 | 637                            |
| 100 - 199               | 22             | 10,414       | 1,557      | 3,052            | 600          | 185                 | 785   | 510                            |
| 200 - 399               | 7              | 3,720        | 929        | 1,875            | 339          | 153                 | 492   | 495                            |
| Total                   | 290            | 42,079       | 7,701      | 13,831           | 2,683        | 1,119               | 3,802 | 557                            |

(a) Administrative, technical and clerical employees.

## Analysis by standard region, 1951

## Larger establishments in the United Kingdom

TABLE 5

| Region                   | Establishments | Gross output | Net output |                     | Persons employed | Remuneration |                     |       | Net output per person employed |
|--------------------------|----------------|--------------|------------|---------------------|------------------|--------------|---------------------|-------|--------------------------------|
|                          |                |              | Value      | Percentage of total |                  | Operatives   | Other employees (a) | Total |                                |
|                          | No.            | £'000        | £'000      |                     | No.              | £'000        | £'000               | £'000 | £                              |
| England                  |                |              |            |                     |                  |              |                     |       |                                |
| Northern                 | 6              | 863          | 151        | 2.0                 | 254              | 57           | 14                  | 72    | 596                            |
| East and West Ridings    | 21             | 1,384        | 275        | 3.6                 | 520              | 110          | 47                  | 157   | 528                            |
| North Midland            | 8              | 591          | 114        | 1.5                 | 247              | 50           | 19                  | 69    | 462                            |
| Eastern                  | 26             | 2,545        | 481        | 6.2                 | 915              | 180          | 75                  | 255   | 526                            |
| London and South Eastern | 62             | 8,063        | 1,995      | 25.9                | 3,280            | 680          | 307                 | 986   | 608                            |
| Southern                 | 6              | 236          | 92         | 1.2                 | 181              | 42           | 12                  | 54    | 510                            |
| South Western            | 13             | 1,077        | 296        | 3.8                 | 540              | 113          | 35                  | 147   | 549                            |
| Midland                  | 20             | 1,727        | 423        | 5.5                 | 879              | 163          | 68                  | 231   | 481                            |
| North Western            | 71             | 9,321        | 1,657      | 21.5                | 3,257            | 617          | 268                 | 885   | 509                            |
| Total England            | 233            | 25,807       | 5,485      | 71.2                | 10,073           | 2,013        | 844                 | 2,856 | 544                            |
| Wales                    | 7              | 636          | 154        | 2.0                 | 306              | 55           | 18                  | 74    | 502                            |
| Scotland                 | 40             | 13,774       | 1,820      | 23.6                | 3,022            | 553          | 241                 | 794   | 602                            |
| Great Britain            | 280            | 40,216       | 7,458      | 96.8                | 13,401           | 2,621        | 1,103               | 3,724 | 557                            |
| Northern Ireland         | 10             | 1,863        | 243        | 3.2                 | 430              | 61           | 16                  | 78    | 564                            |
| United Kingdom           | 290            | 42,079       | 7,701      | 100.0               | 13,831           | 2,683        | 1,119               | 3,802 | 557                            |

(a) Administrative, technical and clerical employees.

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## Analysis according to specialisation within the trade, 1951

## Larger establishments in the United Kingdom

TABLE 6

|                                            | Establishments | Gross output | Sales of characteristic products | Net output | Persons employed | Remuneration |                     |       | Net output per person employed |
|--------------------------------------------|----------------|--------------|----------------------------------|------------|------------------|--------------|---------------------|-------|--------------------------------|
|                                            |                |              |                                  |            |                  | Operatives   | Other employees (a) | Total |                                |
|                                            | No.            | £'000        | £'000                            | £'000      | No.              | £'000        | £'000               | £'000 | £                              |
| Specialist producers of New sacks and bags | 48             | 15,550       | 14,033                           | 1,403      | 2,600            | 456          | 245                 | 702   | 540                            |
| Reconditioned second-hand sacks and bags   | 107            | 14,013       | 11,693                           | 2,895      | 4,787            | 886          | 404                 | 1,290 | 605                            |
| Made-up goods of sail-cloth or canvas      | 98             | 9,553        | 7,704                            | 2,438      | 4,613            | 966          | 360                 | 1,326 | 528                            |
| Remainder of the trade                     | 37             | 2,964        |                                  | 965        | 1,831            | 374          | 111                 | 484   | 527                            |
| Total                                      | 290            | 42,079       |                                  | 7,701      | 13,831           | 2,683        | 1,119               | 3,802 | 557                            |

(a) Administrative, technical and clerical employees.

TABLE 7 - Total make of intermediate products: Larger establishments

This table is not applicable to the trade.

## Sales of the principal products of the trade, including sales of these products by establishments classified to other trades

## Larger establishments (a)

TABLE 8 (i)

|                                                                                   | United Kingdom 1951 |        |         | Great Britain 1948 |        |
|-----------------------------------------------------------------------------------|---------------------|--------|---------|--------------------|--------|
|                                                                                   | Quantity            | Value  | Entries | Quantity           | Value  |
|                                                                                   | Thous.              | £'000  | No.     | Thous.             | £'000  |
| New sacks and bags                                                                |                     |        |         |                    |        |
| Of jute                                                                           |                     |        |         |                    |        |
| Hessian                                                                           | 120,343             | 14,061 | 64      | 120,179            | 9,136  |
| Other                                                                             | 9,963               | 2,266  | 51      | 5,792              | 1,180  |
| Unclassified                                                                      | 130,306             | 16,327 | -       | 26,961             | 2,131  |
| Of cotton                                                                         | 70,419              | 1,680  | 60      | 137,463            | 1,766  |
|                                                                                   | ..                  | 179    |         | ..                 | ..     |
| Of other vegetable fibres                                                         | 768                 | 230    | 32      | 443                | 136    |
|                                                                                   |                     |        |         | ..                 | 58     |
| Total new sacks and bags                                                          | 201,493             | 18,238 | ..      | 290,837            | 14,350 |
|                                                                                   | ..                  | 515    |         | ..                 | 58     |
| Second-hand sacks and bags, repaired and sold or reconditioned for firms' own use |                     |        |         |                    |        |
| Of jute                                                                           | 135,983             | 12,929 | 139     | 72,163             | 4,850  |
|                                                                                   | ..                  | 1,364  |         | ..                 | 2,292  |
| Of other vegetable fibres                                                         | 1,251               | 14,293 | 26      | 645                | 7,422  |
|                                                                                   | ..                  | 23     |         | ..                 | 86     |

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130,306  
51,580  
181,886152,932  
45,195  
198,127

TABLE 8 (i) (contd.)

|                                                                                                    | United Kingdom<br>1951 |              |          | Great Britain<br>1948 |              |
|----------------------------------------------------------------------------------------------------|------------------------|--------------|----------|-----------------------|--------------|
|                                                                                                    | Quantity               | Value        | Entries  | Quantity              | Value        |
| Finished brattice cloth                                                                            | Th.cwts.<br>62.2       | £'000<br>472 | No.<br>6 | Th.cwts.<br>64.0      | £'000<br>318 |
| Made-up goods of sailcloth or canvas                                                               | Th.sq.yds.             |              |          |                       |              |
| Of linen or hemp                                                                                   |                        |              |          |                       |              |
| Tarpaulins, wagon sheets, rick covers and the like                                                 | 7,898                  | 3,417        | 73       | ..                    | 2,222        |
| Awnings, blinds, sunshades and other garden furnishings                                            | ..                     | 244          | 22       | ..                    | 318          |
| Other                                                                                              | ..                     | 413          | 50       | ..                    | 415          |
| Unclassified                                                                                       | -                      | -            | -        | ..                    | 218          |
| Of jute                                                                                            |                        |              |          |                       |              |
| Tarpaulins, wagon sheets, rick covers and the like                                                 | 1,172                  | 291          | 49       | ..                    | 400          |
| Other                                                                                              | ..                     | 372          | 40       | ..                    | 400          |
| Of cotton                                                                                          |                        |              |          |                       |              |
| Tents and marquees                                                                                 | ..                     | 707          | 40       | ..                    | 384          |
| Tarpaulins, wagon sheets, rick covers and the like                                                 | 2,636                  | 1,388        | 88       | ..                    | 1,630        |
| Other                                                                                              | ..                     | 144          | ..       | ..                    | ..           |
| Other                                                                                              | ..                     | 1,793        | 100      | ..                    | ..           |
| Of other materials                                                                                 | ..                     | 439          | 39       | ..                    | 36           |
| Of unclassified materials                                                                          | -                      | -            | -        | ..                    | 174          |
| Purchased sacks new and second-hand, printed to customers requirements but not otherwise processed | Thous.<br>5,050        | 663          | 44       | Thous.<br>6,464       | 584          |
| Waste products                                                                                     | ..                     | 284          | 108      | ..                    | 126          |
| Work done for the trade or on commission (b)                                                       |                        |              |          |                       |              |
| Sacks and bags made from customers' own materials                                                  |                        |              |          |                       |              |
| Of jute                                                                                            | 51,588                 | 441          | 25       | 45,595                | 300          |
| Of other vegetable fibres                                                                          | 3,443                  | 17           | 7        | 1,897                 | 19           |
| Cleaning and repairing sacks, bags and other canvas goods                                          |                        | 676          | 105      |                       | 601          |
| Other work done                                                                                    |                        | 659          | 64       |                       | 178          |
| Total                                                                                              |                        | 45,596       | ..       |                       | 29,693       |
| Sales in other trades (see Table 9)                                                                |                        | 5,526        | ..       |                       | 4,353        |
| Principal products of this trade sold by establishments in the trade                               |                        | 40,069       | 255      |                       | 25,340       |

(a) For output of small firms see Table 8(ii).  
(b) Amount charged.

Total sales by small firms in Great Britain (a)

TABLE 8 (ii)

|                                                                                                      | 1951     |       |         | 1948     |       |
|------------------------------------------------------------------------------------------------------|----------|-------|---------|----------|-------|
|                                                                                                      | Quantity | Value | Entries | Quantity | Value |
|                                                                                                      | Thous.   | £'000 | No.     | Thous.   | £'000 |
| New goods                                                                                            |          |       |         |          |       |
| Sacks and bags                                                                                       |          |       |         |          |       |
| Of jute                                                                                              | 1,659    | 204   | 34      | 80       | 17    |
| Of cotton                                                                                            | 679      | 42    | 17      | ..       | 39    |
| Of other vegetable fibres                                                                            | 28       | 14    | 7       | ..       | 12    |
| Made-up goods                                                                                        | ..       | 1,360 | 161     | ..       | 945   |
| Second-hand sacks and bags repaired and sold                                                         | 6,780    | 693   | 65      | 6,292    | 323   |
| Purchased sacks, new and second-hand, printed to customers' requirements but not otherwise processed | 956      | 124   | 17      | 347      | 39    |
| Other kinds of goods made or repaired and sold                                                       | ..       | 326   | 68      | ..       | 256   |
| Amount charged for work done for the trade or on commission                                          |          | 68    | 42      |          | 58    |
| Total                                                                                                |          | 3,048 | 259     |          | 2,206 |

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

Sales of principal products of the trade by establishments classified to other trades

Larger establishments

TABLE 9

|                                                                                   | United Kingdom<br>1951 |       |         | Great Britain<br>1948 |       |
|-----------------------------------------------------------------------------------|------------------------|-------|---------|-----------------------|-------|
|                                                                                   | Quantity               | Value | Entries | Quantity              | Value |
|                                                                                   | Thous.                 | £'000 | No.     | Thous.                | £'000 |
| New sacks and bags                                                                |                        |       |         |                       |       |
| Of jute                                                                           |                        |       |         |                       |       |
| Hessian                                                                           | 14,233                 | 1,927 | 9       | 27,360                | 2,177 |
| Other                                                                             | 611                    | 110   | 10      | ..                    | ..    |
| Of cotton                                                                         | 2,136                  | 173   | 22      | 7,612                 | 204   |
| Of other vegetable fibres                                                         | 29                     | 17    | 5       | 39                    | 37    |
| Total new sacks and bags                                                          | 17,009                 | 2,227 | ..      | 35,011                | 2,418 |
| Second-hand sacks and bags, repaired and sold or reconditioned for firms' own use | ..                     | 489   | ..      | ..                    | 15    |
| Of jute                                                                           | 17,554                 | 1,949 | 26      | 5,453                 | 408   |
| Of other vegetable fibres                                                         | ..                     | 12    | ..      | ..                    | 744   |
| Of other vegetable fibres                                                         | -                      | -     | -       | 90                    | 4     |
|                                                                                   |                        |       |         | ..                    | 25    |

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TABLE 9 (contd.)

|                                                           | United Kingdom<br>1951 |       |         | Great Britain<br>1948 |         |
|-----------------------------------------------------------|------------------------|-------|---------|-----------------------|---------|
|                                                           | Quantity               | Value | Entries | Quantity              | Value   |
|                                                           | Th.sq.yds.             | £'000 | No.     |                       | £'000   |
| Made-up goods of sailcloth or canvas                      |                        |       |         |                       |         |
| Of linen or hemp                                          |                        |       |         |                       |         |
| Tarpaulins, wagon sheets, rick covers and the like        | 180                    | 78    | 13      | ..                    | 67      |
| Awnings, blinds, sunshades and other garden furnishings   | ..                     | 3     | ..      | ..                    | 60      |
| Other                                                     | ..                     | 173   | 13      | ..                    | 218     |
| Unclassified                                              | -                      | -     | -       | ..                    | 72      |
| Of jute                                                   | ..                     | 23    | ..      | ..                    | 16      |
| Of cotton                                                 |                        |       |         |                       |         |
| Tents and marquees                                        | ..                     | 30    | ..      | ..                    | 35      |
| Tarpaulins, wagon sheets, rick covers and the like        | ..                     | 68    | 11      | ..                    | 231     |
| Other                                                     | ..                     | 231   | 24      | ..                    | 152     |
| Of other materials                                        | ..                     | 152   | 5       | ..                    | 259 (a) |
| Finished brattice cloth                                   |                        |       |         |                       |         |
| Work done for the trade or on commission (b)              |                        |       |         |                       |         |
| Sacks and bags made from customers' own materials         | Thous.                 |       |         |                       |         |
| Of jute                                                   | 9,194                  | 78    | 5       | -                     | -       |
| Of other vegetable fibres                                 | -                      | -     | -       | ..                    | 2       |
| Cleaning and repairing sacks, bags and other canvas goods |                        | 13    | ..      |                       | 11      |
| Other work done                                           |                        | -     | -       |                       |         |
| Total                                                     |                        | 5,526 | ..      |                       | 4,353   |

(a) Including some made-up goods of unclassified materials.  
(b) Amount charged.

Sales in the trade of other than principal products  
Larger establishments (a)

TABLE 10

|                                                                 | United Kingdom<br>1951 |       | Great Britain<br>1948 |       |
|-----------------------------------------------------------------|------------------------|-------|-----------------------|-------|
|                                                                 | Quantity               | Value | Quantity              | Value |
|                                                                 |                        | £'000 |                       | £'000 |
| Rope, twine and net, and manufactures thereof                   | ..                     | 288   | ..                    | 147   |
| Waterproofed piece goods                                        |                        |       |                       |       |
| Of cotton                                                       | ..                     | 181   | ..                    | 73    |
| Of jute                                                         | ..                     | 220   | ..                    | 42    |
| Of other materials                                              | ..                     | 274   | ..                    | 190   |
| Other textile manufactures                                      | ..                     | 147   | ..                    | 23    |
| Leather goods                                                   | ..                     | 30    | ..                    | 95    |
| Furniture (including bedding, soft furnishings and shop blinds) | ..                     | 41    | ..                    | 276   |
| Other goods                                                     | ..                     | 75    | ..                    |       |
| Work done (b)                                                   |                        |       |                       |       |
| Waterproofing                                                   |                        | 82    |                       | 205   |
| Other work done                                                 |                        | 35    |                       |       |
| Total                                                           |                        | 1,374 |                       | 1,052 |

(a) For output of small firms see Table 8 (ii).  
(b) Amount charged.

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## Production, exports and imports of certain principal products (a)

TABLE 11

|                                                                                        |                        | Production (b)(c)                             | Exports (d)                    | Retained imports (e)       |
|----------------------------------------------------------------------------------------|------------------------|-----------------------------------------------|--------------------------------|----------------------------|
|                                                                                        |                        | Thous.                                        | Thous.                         | Thous.                     |
| New sacks and bags                                                                     |                        |                                               |                                |                            |
| Of jute (f)                                                                            | { 1951<br>1948<br>1937 | 185,140 (g) (h)<br>201,986 (g) (h)<br>149,135 | 5,704<br>9,503<br>20,210       | 35,193<br>32,155<br>70,275 |
| Of cotton (i)                                                                          | { 1951<br>1948<br>1937 | 82,130 (g) (h)<br>144,009 (g) (h)<br>64,437   | 2,646<br>3,100<br>16,427       | 538<br>659<br>74           |
| Of other vegetable fibres (j)                                                          | { 1951<br>1948<br>1937 | 796 (g)<br>1,109 (g) (h)<br>350               | 164<br>321<br>115              | 277<br>1,803<br>365        |
| Total new sacks and bags (j)                                                           | { 1951<br>1948<br>1937 | 268,066 (g)<br>347,104 (g)<br>213,921         | 8,514<br>12,923<br>36,752      | 36,008<br>34,617<br>70,714 |
| Second-hand sacks and bags, repaired (k)                                               | { 1951<br>1948<br>1937 | 160,475 (g) (h)<br>119,005 (g) (h)<br>..      | 8,996<br>5,701<br>50,771       | 1,111<br>1,880<br>8,694    |
| Total sacks and bags (l)                                                               | { 1951<br>1948<br>1937 | 428,541 (g)<br>466,109 (g)<br>..              | 17,510<br>18,624<br>87,523     | 37,119<br>36,497<br>79,408 |
| Made-up goods of sailcloth or canvas of linen or hemp (other than hosepipes or piping) | { 1951<br>1948<br>1937 | £'000<br>4,074<br>3,174<br>614                | £'000<br>1,235<br>1,056<br>318 | £'000<br>(m)<br>9<br>1     |

(a) Figures of production (or sales) refer only to larger establishments (except where otherwise stated) in the United Kingdom (1951 and 1937) or Great Britain (1948). All recorded exports from and imports into the United Kingdom are given in the table. The figures, therefore, are not strictly comparable.  
(b) Sales in 1951 and 1948 and production for sale in 1937.  
(c) Including production (or sales) by larger establishments classified to other trades.  
(d) Valued f.o.b.  
(e) Valued c.i.f.  
(f) The production figures include sacks and bags made on commission by larger establishments and may be, in part, duplicated.  
(g) Including sales recorded by small firms in the trade.  
(h) Partly estimated.  
(i) The production figures include sacks and bags of all vegetable fibres (except jute) made on commission by larger establishments. The figures may be, in part, duplicated.  
(j) The oversea trade figures include second-hand sacks and bags, whether repaired or not, of vegetable fibres other than jute or cotton.  
(k) The oversea trade figures relate to jute sacks and bags only, whether repaired or not.  
(l) The oversea trade figures exclude second-hand sacks and bags of cotton.  
(m) Re-exports in excess of imports.

181,894

(82374)

TABLE 12 - Usage of certain specified purchased materials, 1951

## Larger establishments in the United Kingdom

The total quantity of purchased woven cotton cloth used in 1951 was recorded as 27,364,000 sq. yds.

|          | United Kingdom |         |         | Great Britain |         | United Kingdom |            |
|----------|----------------|---------|---------|---------------|---------|----------------|------------|
|          | 1951(b)        | 1950(b) | 1949(b) | 1949(b)       | 1948(c) | 1937(c)(d)     | 1935(c)(e) |
| Males    |                |         |         |               |         |                |            |
| Under 18 | 327            | 284     | 308     | 288           | 284     | 378            | 271        |
| All ages | 3,483          | 3,301   | 3,276   | 3,200         | 3,229   | 2,294          | 2,122      |
| Females  |                |         |         |               |         |                |            |
| Under 18 | 1,000          | 1,010   | 1,023   | 974           | 1,048   | 1,893          | 1,861      |
| All ages | 8,526          | 7,363   | 6,789   | 6,576         | 6,942   | 4,814          | 5,507      |
| Total    |                |         |         |               |         |                |            |
| Under 18 | 1,327          | 1,294   | 1,331   | 1,262         | 1,332   | 2,271          | 2,132      |
| All ages | 12,009         | 10,664  | 10,065  | 9,776         | 10,171  | 7,108          | 7,629      |

  

|          | United Kingdom |          |          | Great Britain |          | United Kingdom |       |
|----------|----------------|----------|----------|---------------|----------|----------------|-------|
|          | 1951           | 1950     | 1949     | 1949          | 1948     | 1937           | 1935  |
| Males    |                |          |          |               |          |                |       |
| Under 18 | 44             | 39       | 35       | 34            | 36       | 56             | 69    |
| All ages | 1,133          | 1,020    | 954      | 939           | 947      | 657            | 770   |
| Females  |                |          |          |               |          |                |       |
| Under 18 | 103            | 106      | 119      | 116           | 99       | 63             | 39    |
| All ages | 723            | 684      | 650      | 638           | 636      | 326            | 363   |
| Total    |                |          |          |               |          |                |       |
| Under 18 | 147            | 145      | 154      | 150           | 135      | 119            | 108   |
| All ages | 1,856(g)       | 1,704(g) | 1,604(g) | 1,577(g)      | 1,583(g) | 983            | 1,133 |

TABLE 13 (contd.)  
(iii) Total employees

|          | United Kingdom |           |           | Great Britain |           | United Kingdom |       |
|----------|----------------|-----------|-----------|---------------|-----------|----------------|-------|
|          | 1951           | 1950      | 1949      | 1949          | 1948      | 1937           | 1935  |
| Males    |                |           |           |               |           |                |       |
| Under 18 | 371            | 323       | 343       | 322           | 320       | 434            | 340   |
| All ages | 4,616          | 4,321     | 4,230     | 4,139         | 4,176     | 2,951          | 2,892 |
| Females  |                |           |           |               |           |                |       |
| Under 18 | 1,103          | 1,116     | 1,142     | 1,090         | 1,147     | 1,956          | 1,900 |
| All ages | 9,249          | 8,047     | 7,439     | 7,214         | 7,578     | 5,140          | 5,870 |
| Total    |                |           |           |               |           |                |       |
| Under 18 | 1,474          | 1,439     | 1,485     | 1,412         | 1,467     | 2,390          | 2,240 |
| All ages | 13,865(g)      | 12,368(g) | 11,669(g) | 11,353(g)     | 11,754(g) | 8,091          | 8,762 |

(a) Excluded employees. The following persons were employed at the larger establishments in this trade in 1951 but are not included in the above tables or in any other Census of Production report (employees in Great Britain engaged, for example, in merchandising and in Northern Ireland canteen and welfare workers):-

Canteen workers 1 Male 83 Females  
Other workers 374 Males 185 Females

(b) In week ended September 22, 1951, September 30, 1950, and September 24, 1949.

(c) Average for the year.

(d) Excluding railway establishments and establishments engaged solely in the repair and reconditioning of purchased sacks.

(e) Excluding railway establishments.

(f) In week ended September 22, 1951, September 30, 1950, September 24, 1949, September 25, 1948, October 16, 1937, and October 12, 1935.

(g) Working proprietors. In addition working proprietors, shown in Table 13 (iv) below, were engaged in this trade in larger establishments. The 1937 and 1935 figures include working proprietors.

|         | United Kingdom |      |      | Great Britain |      |
|---------|----------------|------|------|---------------|------|
|         | 1951           | 1950 | 1949 | 1949          | 1948 |
| Males   | 45             | 37   | 47   | 31            | 34   |
| Females | 2              | 1    | 1    | 1             | 1    |
| Total   | 47             | 38   | 48   | 32            | 35   |

## Average employment

## Larger establishments (a)

|                                                  | United Kingdom |        |        | Great Britain |          | United Kingdom |          |
|--------------------------------------------------|----------------|--------|--------|---------------|----------|----------------|----------|
|                                                  | 1951           | 1950   | 1949   | 1949          | 1948     | 1937 (b)       | 1935 (c) |
| Operatives                                       | 11,939         | 10,769 | 10,390 | 10,056        | 10,171   | 7,108          | 7,629    |
| Administrative, technical and clerical employees | 1,845          | 1,700  | 1,598  | 1,567         | 1,583(d) | 983(d)         | 1,133(d) |
| Total                                            | 13,784         | 12,469 | 11,988 | 11,623        | 11,754   | 8,091          | 8,762    |

(a) For employment in small firms (employing on the average ten or fewer persons) that made satisfactory returns see Table 2.

(b) Excluding railway establishments and establishments engaged solely in the repair and reconditioning of purchased sacks.

(c) Excluding railway establishments.

(d) In week ended September 25, 1948, October 16, 1937, and October 12, 1935. The 1937 and 1935 figures include working proprietors.

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

|         | United Kingdom |      |      | Great Britain |      | United Kingdom |      |
|---------|----------------|------|------|---------------|------|----------------|------|
|         | 1951           | 1950 | 1949 | 1949          | 1948 | 1937           | 1935 |
| Males   | 3              | 8    | 8    | 6             | 2    | 12             | 16   |
| Females | 92             | 74   | 64   | 64            | 53   | 77             | 35   |
| Total   | 95             | 82   | 72   | 70            | 55   | 89             | 51   |

TABLE 15 - Shift working, 1951: Larger establishments in Great Britain

No establishment in this trade recorded shift working in the week ended September 22, 1951.

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

## Larger establishments

TABLE 16

£'000

|                                                            | United Kingdom |       |       | Great Britain |       |
|------------------------------------------------------------|----------------|-------|-------|---------------|-------|
|                                                            | 1951           | 1950  | 1949  | 1949          | 1948  |
| Wages and salaries (a) of                                  |                |       |       |               |       |
| Operatives                                                 | 2,683          | 2,280 | 2,116 | 2,071         | 1,981 |
| Administrative, technical and clerical employees           | 1,119          | 922   | 800   | 786           | 713   |
| Total                                                      | 3,802          | 3,202 | 2,916 | 2,857         | 2,694 |
| Employers' contributions to all National Insurance Schemes | 118            | 108   | 104   | 101           | 81    |

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

| £'000          |      |      |               |      |
|----------------|------|------|---------------|------|
| United Kingdom |      |      | Great Britain |      |
| 1951           | 1950 | 1949 | 1949          | 1948 |
| 8              | 6    | 5    | 4             | 5    |

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

## Larger establishments

TABLE 17

£'000

|                                                                                                                                       | United Kingdom |      | Great Britain |      |
|---------------------------------------------------------------------------------------------------------------------------------------|----------------|------|---------------|------|
|                                                                                                                                       | 1951           | 1949 | 1949          | 1948 |
| Plant, machinery and vehicles                                                                                                         |                |      |               |      |
| Acquisitions                                                                                                                          |                |      |               |      |
| Plant and machinery                                                                                                                   |                |      |               |      |
| New                                                                                                                                   | 158            | 77   | 75            | 89   |
| Second-hand                                                                                                                           | 6              | 5    | 5             | 15   |
| Vehicles                                                                                                                              |                |      |               |      |
| New                                                                                                                                   | 78             | 51   | 50            | 43   |
| Second-hand                                                                                                                           | 57             | 25   | 23            | 11   |
| Total acquisitions                                                                                                                    | 299            | 158  | 153           | 158  |
| Disposals                                                                                                                             |                |      |               |      |
| Plant and machinery                                                                                                                   | 16             | 10   | 10            | 9    |
| Vehicles                                                                                                                              | 32             | 24   | 24            | 10   |
| Total disposals                                                                                                                       | 48             | 34   | 34            | 19   |
| New building work                                                                                                                     |                |      |               |      |
| Capital expenditure on new building and other constructional work of a capital nature (excluding site values and development charges) | 97             | 87   | 87            | 102  |

(82374)

1951

Summary

Larger establishments

TABLE 18

|                                                | England    | Wales   | Scotland  | Great Britain | Northern Ireland | United Kingdom |
|------------------------------------------------|------------|---------|-----------|---------------|------------------|----------------|
|                                                | £'000      | £'000   | £'000     | £'000         | £'000            | £'000          |
| Gross output (production)                      | 25,807     | 636     | 13,774    | 40,216        | 1,863            | 42,079         |
| Cost of materials and fuel used                | 20,016     | 473     | 11,345    | 31,834        | 1,607            | 33,441         |
| Payment for work done on materials given out   | 68         | -       | 420       | 488           | -                | 489            |
| Transport payments                             | 237        | 9       | 189       | 436           | 12               | 448            |
| Net output                                     | 5,485      | 154     | 1,820     | 7,458         | 243              | 7,701          |
| Wages and salaries of persons employed         | 2,856      | 74      | 794       | 3,724         | 78               | 3,802          |
| Average number of persons employed (a)         | No. 10,073 | No. 306 | No. 3,022 | No. 13,401    | No. 430          | No. 13,831     |
| Net output per person employed (a)             | £ 544      | £ 502   | £ 602     | £ 557         | £ 564            | £ 557          |
| Stocks at end of year                          | £'000      | £'000   | £'000     | £'000         | £'000            | £'000          |
| Products on hand for sale and work in progress | 1,494      | 41      | 344       | 1,879         | 129              | 2,009          |
| Materials and fuel                             | 2,395      | 4       | 1,030     | 3,429         | 84               | 3,513          |
| Number of establishments                       | No. 233    | No. 7   | No. 40    | No. 280       | No. 10           | No. 290        |

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

|                                                       | £'000  | £'000 | £'000  | £'000   | £'000 | £'000   |
|-------------------------------------------------------|--------|-------|--------|---------|-------|---------|
| Output of firms in this trade                         |        |       |        |         |       |         |
| Total value of sales (see Table 20)                   | 25,337 | 624   | 13,666 | 39,628  | 1,816 | 41,443  |
| Changes in stocks and work in progress (see Table 21) | + 469  | + 12  | + 108  | + 589   | + 47  | + 636   |
| Gross output (production)                             | 25,807 | 636   | 13,774 | 40,216  | 1,863 | 42,079  |
| Materials and fuel used by firms in this trade        |        |       |        |         |       |         |
| Purchases                                             | 20,711 | 475   | 11,701 | 32,887  | 1,657 | 34,544  |
| Changes in stocks (see Table 21)                      | - 695  | - 2   | - 356  | - 1,053 | - 49  | - 1,103 |
| Materials and fuel used                               | 20,016 | 473   | 11,345 | 31,834  | 1,607 | 33,441  |

(a) Excluding outworkers but including working proprietors.

Summary: Small firms in Great Britain (a)

TABLE 19

|                                                      | England   | Wales  | Scotland | Great Britain |
|------------------------------------------------------|-----------|--------|----------|---------------|
|                                                      | £'000     | £'000  | £'000    | £'000         |
| Gross output (sales)                                 | 2,502     | 169    | 377      | 3,048         |
| Cost of materials and fuel purchased during the year | 1,845     | 121    | 312      | 2,277         |
| Payment for work done on materials given out         | 16        | 2      | -        | 18            |
| Net output (b)                                       | 642       | 47     | 65       | 753           |
| Average number of persons employed (c)               | No. 1,101 | No. 74 | No. 129  | No. 1,304     |
| Net output per person employed                       | £ 583     | £ 629  | £ 506    | £ 578         |
| Number of returns                                    | No. 218   | No. 12 | No. 29   | No. 259       |

(a) Small firms in Great Britain (employing on the average ten or fewer persons) that made satisfactory returns.

(b) The value of net output 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. For details of employment see Table 23 (ii).

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Sales in the trade  
Larger establishments (a)

TABLE 20 (i)

|                                                                                   | England and Wales |       | Scotland |       | Great Britain |        | Northern Ireland |       | United Kingdom |        |
|-----------------------------------------------------------------------------------|-------------------|-------|----------|-------|---------------|--------|------------------|-------|----------------|--------|
|                                                                                   | Quantity          | Value | Quantity | Value | Quantity      | Value  | Quantity         | Value | Quantity       | Value  |
|                                                                                   | Thous.            | £'000 | Thous.   | £'000 | Thous.        | £'000  | Thous.           | £'000 | Thous.         | £'000  |
| <b>Principal products</b>                                                         |                   |       |          |       |               |        |                  |       |                |        |
| New sacks and bags                                                                |                   |       |          |       |               |        |                  |       |                |        |
| Of jute                                                                           |                   |       |          |       |               |        |                  |       |                |        |
| Hessian                                                                           | ..                | (b)   | 64,195   | 7,019 | ..            | ..     | ..               | (b)   | 106,110        | 12,134 |
| Other                                                                             | 1,792             | 483   | 7,560    | 1,673 | 9,352         | 2,156  | -                | -     | 9,352          | 2,156  |
|                                                                                   | ..                | 2     | ..       | 7     | ..            | 9      |                  |       | ..             | 9      |
| Of cotton                                                                         | 57,213            | 1,206 | ..       | (b)   | ..            | ..     | ..               | (b)   | 68,282         | 1,507  |
|                                                                                   | ..                | 17    |          |       |               |        |                  |       | ..             | 17     |
| Of other vegetable fibres                                                         | ..                | (b)   | ..       | (b)   | 739           | 213    | -                | -     | 739            | 213    |
| Total new sacks and bags                                                          | 93,270            | 6,085 | 79,262   | 8,904 | 172,532       | 14,988 | 11,952           | 1,022 | 184,484        | 16,010 |
|                                                                                   | ..                | 19    | ..       | 7     | ..            | 26     |                  |       | ..             | 26     |
| Second-hand sacks and bags, repaired and sold or reconditioned for firms' own use |                   |       |          |       |               |        |                  |       |                |        |
| Of jute                                                                           | 97,793            | 8,934 | 12,290   | 1,292 | 110,084       | 10,226 | 8,346            | 754   | 118,429        | 10,980 |
|                                                                                   | ..                | 1,352 |          |       | ..            | 1,352  |                  |       | ..             | 1,352  |
| Of other vegetable fibres                                                         | ..                | (b)   | ..       | (b)   | 1,251         | 108    | -                | -     | 1,251          | 108    |
|                                                                                   |                   |       |          |       | ..            | 23     |                  |       | ..             | 23     |
| Made-up goods of sailcloth or canvas                                              |                   |       |          |       |               |        |                  |       |                |        |
| Of linen or hemp                                                                  |                   |       |          |       |               |        |                  |       |                |        |
| Tarpaulins, wagon sheets, rick covers and the like                                | 6,664             | 2,812 | ..       | (b)   | ..            | ..     | ..               | (b)   | 7,718          | 3,339  |
| Awnings, blinds, sunshades and other garden furnishings                           | ..                | (b)   | ..       | (b)   | ..            | 242    | -                | -     | ..             | 242    |
| Other                                                                             | ..                | 224   | ..       | (b)   | ..            | ..     | ..               | (b)   | ..             | 239    |
| Of jute                                                                           | ..                | 337   | ..       | (b)   | ..            | ..     | ..               | (b)   | ..             | 640    |
| Of cotton                                                                         | ..                | 606   | ..       | 71    | ..            | 677    | -                | -     | ..             | 677    |
| Tents and marquees                                                                | ..                | 606   | ..       | 71    | ..            | 677    | -                | -     | ..             | 677    |
| Tarpaulins, wagon sheets, rick covers and the like                                | 2,044             | 1,401 | ..       | (b)   | ..            | ..     | ..               | (b)   | 2,636          | 1,388  |
|                                                                                   | ..                | 75    |          |       |               |        |                  |       | ..             | 75     |
| Other                                                                             | ..                | 1,487 | ..       | (b)   | ..            | ..     | ..               | (b)   | ..             | 1,562  |
| Of other materials                                                                | ..                | (b)   | ..       | 427   | ..            | ..     | ..               | (b)   | ..             | 759    |
| Finished brattice cloth                                                           |                   |       |          |       |               |        |                  |       |                |        |

TEXTILES COUNTRY TABLES

|                                                                                                      | Thous. |        | Thous. |        | Thous. |        |    |       | Thous. |        |
|------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|----|-------|--------|--------|
| Purchased sacks, new and second-hand, printed to customers' requirements but not otherwise processed | 3,825  | 513    | 1,225  | 151    | 5,050  | 663    | -  | -     | 5,050  | 663    |
| Waste products                                                                                       | ..     | 268    | ..     | 13     | ..     | 281    | .. | 3     | ..     | 284    |
| Work done for the trade or on commission (c)                                                         |        |        |        |        |        |        |    |       |        |        |
| Sacks and bags made from customers' own materials                                                    |        |        |        |        |        |        |    |       |        |        |
| Of jute                                                                                              | ..     | (b)    | 36,506 | 309    | ..     | ..     | .. | (b)   | 42,395 | 362    |
| Of other vegetable fibres                                                                            | ..     | (b)    | ..     | (b)    | 3,448  | 17     | -  | -     | 3,448  | 17     |
| Cleaning and repairing sacks, bags and other canvas goods                                            |        | 656    |        | 6      |        | 663    |    | 1     |        | 663    |
| Other work done                                                                                      |        | 319    |        | 335    |        | 654    |    | 5     |        | 659    |
| Total principal products                                                                             |        | 25,375 |        | 12,878 |        | 38,254 |    | 1,815 |        | 40,069 |
| Other output                                                                                         |        |        |        |        |        |        |    |       |        |        |
| Leather goods                                                                                        | ..     | 30     | ..     | -      | ..     | 30     | .. | -     | ..     | 30     |
| Furniture (including bedding, soft furnishings and shop blinds)                                      | ..     | 41     | ..     | -      | ..     | 41     | .. | -     | ..     | 41     |
| Rope, twine and net and manufactures thereof                                                         | ..     | 288    | ..     | -      | ..     | 288    | .. | -     | ..     | 288    |
| Waterproofed piece goods                                                                             |        |        |        |        |        |        |    |       |        |        |
| Of cotton                                                                                            | ..     | (b)    | ..     | (b)    | ..     | 181    | .. | -     | ..     | 181    |
| Of jute                                                                                              | ..     | (b)    | ..     | (b)    | ..     | 220    | .. | -     | ..     | 220    |
| Of other materials                                                                                   | ..     | (b)    | ..     | (b)    | ..     | 274    | .. | -     | ..     | 274    |
| Other textile manufactures                                                                           | ..     | (b)    | ..     | (b)    | ..     | 147    | .. | -     | ..     | 147    |
| Other goods                                                                                          | ..     | 40     | ..     | 35     | ..     | 75     | .. | -     | ..     | 75     |
| Work done (c)                                                                                        |        |        |        |        |        |        |    |       |        |        |
| Water-proofing                                                                                       |        | (b)    |        | (b)    |        | 82     |    | -     |        | 82     |
| Other work done                                                                                      |        | (b)    |        | (b)    |        | 35     |    | -     |        | 35     |
| Total                                                                                                |        | 25,961 |        | 13,666 |        | 39,628 |    | 1,816 |        | 41,443 |

(a) For output of small firms see Table 20 (ii).

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

(c) Amount charged.

CANVAS GOODS AND SACKS COUNTRY TABLES

Sales in the trade  
Small firms (a)

TABLE 20 (ii)

|                                                                                                      | England and Wales |              | Scotland |            | Great Britain |              |
|------------------------------------------------------------------------------------------------------|-------------------|--------------|----------|------------|---------------|--------------|
|                                                                                                      | Quantity          | Value        | Quantity | Value      | Quantity      | Value        |
|                                                                                                      | Thous.            | £'000        | Thous.   | £'000      | Thous.        | £'000        |
| New goods                                                                                            |                   |              |          |            |               |              |
| Sacks and bags                                                                                       |                   |              |          |            |               |              |
| Of jute                                                                                              | ..                | (b)          | ..       | (b)        | 1,659         | 204          |
| Of cotton                                                                                            | 679               | 42           | ..       | 3          | 679           | 42           |
| Of other vegetable fibres                                                                            | ..                | 2            | ..       | -          | ..            | 5            |
| Made-up goods                                                                                        | ..                | 1,230        | ..       | 130        | ..            | 1,360        |
| Second-hand sacks and bags repaired and sold                                                         | 5,776             | 609          | 1,003    | 84         | 6,780         | 693          |
| Purchased sacks, new and second-hand, printed to customers' requirements but not otherwise processed | ..                | 172          | ..       | 17         | ..            | 189          |
| Other kinds of goods made or repaired and sold                                                       | ..                | (b)          | ..       | (b)        | 956           | 124          |
| Amount charged for work done for the trade or on commission                                          | ..                | 307          | ..       | 19         | ..            | 326          |
| Total                                                                                                | ..                | 63           | ..       | 5          | ..            | 68           |
| <b>Total</b>                                                                                         |                   | <b>2,671</b> |          | <b>377</b> |               | <b>3,048</b> |

(a) Small firms in Great Britain (employing on the average ten or fewer persons) that made satisfactory returns.

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

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

## Larger establishments

TABLE 21

£'000

|                                                      |                        | England and Wales | Scotland | Great Britain | Northern Ireland | United Kingdom |
|------------------------------------------------------|------------------------|-------------------|----------|---------------|------------------|----------------|
| Products on hand for sale                            | { at beginning of year | 573               | 139      | 712           | 72               | 785            |
|                                                      | { at end of year       | 884               | 211      | 1,096         | 120              | 1,216          |
| Work in progress                                     | { at beginning of year | 481               | 97       | 578           | 10               | 588            |
|                                                      | { at end of year       | 651               | 133      | 784           | 9                | 793            |
| Total products on hand for sale and work in progress | { at beginning of year | 1,054             | 236      | 1,291         | 82               | 1,373          |
|                                                      | { at end of year       | 1,535             | 344      | 1,879         | 129              | 2,009          |
| Materials and fuel                                   | { at beginning of year | 1,702             | 674      | 2,376         | 34               | 2,410          |
|                                                      | { at end of year       | 2,399             | 1,030    | 3,429         | 84               | 3,513          |

(82374)

Employment in September  
Larger establishments (a)(b)(c)TABLE 22  
(i) Operatives

|              | England and Wales | Scotland | Great Britain | Northern Ireland | United Kingdom |
|--------------|-------------------|----------|---------------|------------------|----------------|
| Males        |                   |          |               |                  |                |
| Under 18     | 261               | 48       | 309           | 18               | 327            |
| All ages     | 2,709             | 697      | 3,406         | 77               | 3,483          |
| Females      |                   |          |               |                  |                |
| Under 18     | 729               | 216      | 945           | 55               | 1,000          |
| All ages     | 6,316             | 1,896    | 8,212         | 314              | 8,526          |
| <b>Total</b> |                   |          |               |                  |                |
| Under 18     | 990               | 264      | 1,254         | 73               | 1,327          |
| All ages     | 9,025             | 2,593    | 11,618        | 391              | 12,009         |

## (ii) Administrative, technical and clerical employees

|              | England and Wales | Scotland | Great Britain | Northern Ireland | United Kingdom |
|--------------|-------------------|----------|---------------|------------------|----------------|
| Males        |                   |          |               |                  |                |
| Under 18     | 21                | 20       | 41            | 3                | 44             |
| All ages     | 883               | 236      | 1,119         | 14               | 1,133          |
| Females      |                   |          |               |                  |                |
| Under 18     | 69                | 31       | 100           | 3                | 103            |
| All ages     | 528               | 181      | 709           | 14               | 723            |
| <b>Total</b> |                   |          |               |                  |                |
| Under 18     | 90                | 51       | 141           | 6                | 147            |
| All ages (d) | 1,411             | 417      | 1,828         | 28               | 1,856          |

## (iii) Total employees

|              | England and Wales | Scotland | Great Britain | Northern Ireland | United Kingdom |
|--------------|-------------------|----------|---------------|------------------|----------------|
| Males        |                   |          |               |                  |                |
| Under 18     | 282               | 68       | 350           | 21               | 371            |
| All ages     | 3,592             | 933      | 4,525         | 91               | 4,616          |
| Females      |                   |          |               |                  |                |
| Under 18     | 798               | 247      | 1,045         | 58               | 1,103          |
| All ages     | 6,844             | 2,077    | 8,921         | 328              | 9,249          |
| <b>Total</b> |                   |          |               |                  |                |
| Under 18     | 1,080             | 315      | 1,395         | 79               | 1,474          |
| All ages (d) | 10,436            | 3,010    | 13,446        | 419              | 13,865         |

(a) Excluded employees. The number of persons employed at the larger establishments in this trade but not included in the above tables or in any other Census of Production report (employees in Great Britain engaged, for example, in merchandising and in Northern Ireland canteen and welfare workers) are shown in Table 22(v) below.

(b) For average employment in small firms see Table 23(ii).

(c) Number employed in the week ended September 22, 1951.

(d) Working proprietors. In addition working proprietors, shown in Table 22 (iv) below, were engaged in this trade in larger establishments.

## (iv) Working proprietors

|              | England and Wales | Scotland | Great Britain | Northern Ireland | United Kingdom |
|--------------|-------------------|----------|---------------|------------------|----------------|
| Males        | 24                | 4        | 28            | 17               | 45             |
| Females      | 2                 | -        | 2             | -                | 2              |
| <b>Total</b> | <b>26</b>         | <b>4</b> | <b>30</b>     | <b>17</b>        | <b>47</b>      |

## (v) Excluded employees

|                                 | England and Wales | Scotland   | Great Britain | Northern Ireland | United Kingdom |
|---------------------------------|-------------------|------------|---------------|------------------|----------------|
| Canteen workers                 |                   |            |               |                  |                |
| Males                           | 1                 | -          | 1             | -                | 1              |
| Females                         | 73                | 8          | 81            | 2                | 83             |
| <b>Total</b>                    | <b>74</b>         | <b>8</b>   | <b>82</b>     | <b>2</b>         | <b>84</b>      |
| Other workers                   |                   |            |               |                  |                |
| Males                           | 300               | 74         | 374           | -                | 374            |
| Females                         | 140               | 45         | 185           | -                | 185            |
| <b>Total</b>                    | <b>440</b>        | <b>119</b> | <b>559</b>    | <b>-</b>         | <b>559</b>     |
| <b>Total excluded employees</b> | <b>514</b>        | <b>127</b> | <b>641</b>    | <b>2</b>         | <b>643</b>     |

(82374)

Average employment  
Larger establishments

TABLE 23(i)

Number

|                                                  | England and Wales | Scotland | Great Britain | Northern Ireland | United Kingdom |
|--------------------------------------------------|-------------------|----------|---------------|------------------|----------------|
| Operatives                                       | 8,947             | 2,605    | 11,552        | 387              | 11,939         |
| Administrative, technical and clerical employees | 1,406             | 413      | 1,819         | 26               | 1,845          |
| Total                                            | 10,353            | 3,018    | 13,371        | 413              | 13,784         |

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

|         | England and Wales | Scotland | Great Britain | Northern Ireland | United Kingdom |
|---------|-------------------|----------|---------------|------------------|----------------|
| Males   | 1                 | -        | 1             | 2                | 3              |
| Females | 88                | 4        | 92            | -                | 92             |
| Total   | 89                | 4        | 93            | 2                | 95             |

## Average employment

## Small firms (a)

TABLE 23(ii)

Number

|             | England and Wales | Scotland | Great Britain |
|-------------|-------------------|----------|---------------|
| Males (b)   |                   |          |               |
| Under 18    | 44                | 5        | 49            |
| All ages    | 720               | 67       | 787           |
| Females (b) |                   |          |               |
| Under 18    | 23                | 1        | 24            |
| All ages    | 455               | 62       | 517           |
| Total (b)   |                   |          |               |
| Under 18    | 67                | 6        | 73            |
| All ages    | 1,175             | 129      | 1,304         |

(a) Small firms (employing on the average ten or fewer persons) that made satisfactory returns.  
(b) Including working proprietors.

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

TABLE 24

£'000

|                                                            | England and Wales | Scotland | Great Britain | Northern Ireland | United Kingdom |
|------------------------------------------------------------|-------------------|----------|---------------|------------------|----------------|
| Wages and salaries (a) of Operatives                       | 2,068             | 553      | 2,621         | 61               | 2,683          |
| Administrative, technical and clerical employees           | 862               | 241      | 1,103         | 16               | 1,119          |
| Total                                                      | 2,930             | 794      | 3,724         | 78               | 3,802          |
| Employers' contributions to all National Insurance Schemes | 88                | 25       | 114           | 4                | 118            |

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

£'000

| England and Wales | Scotland | Great Britain | Northern Ireland | United Kingdom |
|-------------------|----------|---------------|------------------|----------------|
| 8                 | 1        | 8             | -                | 8              |

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

## Larger establishments

TABLE 25

£'000

|                                                                                                                                       | England and Wales | Scotland | Great Britain | Northern Ireland | United Kingdom |
|---------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------|---------------|------------------|----------------|
| Plant, machinery and vehicles                                                                                                         |                   |          |               |                  |                |
| Acquisitions                                                                                                                          |                   |          |               |                  |                |
| Plant and machinery                                                                                                                   |                   |          |               |                  |                |
| New                                                                                                                                   | 90                | 65       | 155           | 3                | 158            |
| Second-hand                                                                                                                           | 5                 | -        | 6             | -                | 6              |
| Vehicles                                                                                                                              |                   |          |               |                  |                |
| New                                                                                                                                   | 76                | 2        | 78            | -                | 78             |
| Second-hand                                                                                                                           | 50                | 5        | 55            | 2                | 57             |
| Total acquisitions                                                                                                                    | 221               | 72       | 293           | 5                | 299            |
| Disposals                                                                                                                             |                   |          |               |                  |                |
| Plant and machinery                                                                                                                   | 13                | 3        | 16            | -                | 16             |
| Vehicles                                                                                                                              | 30                | 2        | 32            | -                | 32             |
| Total disposals                                                                                                                       | 43                | 5        | 47            | -                | 48             |
| New building work                                                                                                                     |                   |          |               |                  |                |
| Capital expenditure on new building and other constructional work of a capital nature (excluding site values and development charges) | 77                | 17       | 94            | 2                | 97             |

Payments for transport services for finished goods  
sold and materials and fuel purchased

## Larger establishments

TABLE 26

£'000

|                                                                        | England and<br>Wales | Scotland   | Great<br>Britain | Northern<br>Ireland | United<br>Kingdom |
|------------------------------------------------------------------------|----------------------|------------|------------------|---------------------|-------------------|
| Amounts paid to other firms and undertakings                           | 233                  | 188        | 422              | 12                  | 434               |
| Amount paid or credited to firms' own separate transport organisations | 13                   | 1          | 14               | -                   | 14                |
| <b>Total</b>                                                           | <b>247</b>           | <b>189</b> | <b>436</b>       | <b>12</b>           | <b>448</b>        |

## GENERAL NOTES

The following brief notes refer to Great Britain and, unless otherwise stated, to the census of production for 1951. Reference should be made to the separate booklet in this series entitled 'The Report on the Census of Production for 1951: Introductory Notes' (price 1s.6d. net) for particulars of the minor differences in the Northern Ireland censuses and other details about the census of production.

**Trade classification:** Establishments are classified to trades according to the nature of their output. Certain products, called principal products, are identified as characteristic of the production of individual trades, the principal products for a given trade being of a similar nature or commonly associated in production. An establishment is classified to a trade if its output of principal products of that trade accounted for a greater proportion of the value of its output than did its output of principal products of any other trade.

**The establishment:** The basic unit for the collection of information is generally the establishment which in most cases comprises the whole of the premises under the same ownership or management at a particular address (e.g., a factory). Offices, warehouses and other ancillary places of business situated apart from the producing works are included in the return for the works.

**Larger establishments and small firms:** Larger establishments are those which employed more than 10 persons on the average during the year; small firms are those employing on the average 10 or fewer persons.

**Working proprietors** are proprietors of businesses other than limited companies, and include members of their families who work in the business without receiving fixed wages or salaries. Any persons working less than half the normal hours are excluded.

**Persons employed:** Administrative employees include directors other than those paid by fee only, managers, superintendents and works foremen; research, experimental, development, technical and design employees (other than operatives); draughtsmen and tracers; and travellers and office (including works office) employees. Operatives include all other classes of employees, that is, broadly speaking, all manual workers.

All these figures exclude canteen employees and persons engaged in merchanting or any other activity not covered by a firm's return who are shown separately as excluded employees.

Figures for employees include only persons on the pay-roll (that is whose National Insurance cards were held by the firm), whether full-time or part-time employees.

**Outworkers,** who are shown separately, are persons employed by the firm who work on materials supplied by the firm, but do not work on the premises; operatives directly employed who work out of doors (e.g., maintenance workers) and sub-contractors are not included as outworkers.

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

**Capital expenditure:** Expenditure on plant, machinery and vehicles relates to expenditure charged to capital account during the year of return, including transport and installation costs involved. Expenditure on new building work is similarly that charged to capital account during the year.

**Materials and fuel:** The cost of materials and fuel purchased includes all purchases during the year of materials for use in production and of fuel (including oil, gas, and electricity for all purposes, including heating and lighting); all packing materials, including the full cost of returnable containers when first purchased; workshop materials; office materials; water charges; materials for repairs to firms' own buildings, plant and vehicles when carried out by

their own work people included in the return; and consumable tools and parts for machinery purchased as replacement. Materials, components, etc. which were purchased and re-sold in the same state (that is, merchanted or factored goods) were excluded. For 1951 firms in many trades were required to state the quantities of certain purchased materials used.

**Stocks and work in progress:** Firms were instructed to give these at income tax value.

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

**Gross output** of a trade is the total value of goods made and other work done during the year; this means the value of sales and work done during the year adjusted for changes in the values of stocks.

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

**Customs and Excise Duty** paid on materials purchased is included in the cost of materials, but where it is especially important separate figures are shown.

**Later reports:** Reports will be published later summarising the main census results and giving information about power equipment and fuel consumption.

**Disclosure of information:** The report has been prepared in conformity with the disclosure provisions of the Statistics of Trade Act, 1947. Figures have been combined with others of a similar nature in certain cases where publication of separate details might disclose the operations of an individual firm.

**Symbols used:** '..' for 'Not available', '-' for 'Nil or negligible (less than half the final digit shown)'

The figures in the tables have been rounded off to the nearest final digit, and there may be an apparent slight discrepancy between the sums of the constituent items and the totals shown.

Tables 1 to 17 show figures for the United Kingdom (or Great Britain).

Tables 18 to 26 are country tables and give, where practicable, separate details for England and Wales, Scotland and Northern Ireland.

Table 6: Specialist producers refer to those establishments 50 per cent. or more of whose total output by value is accounted for by the groups of products specified.

Table 8 (or 8(i)) shows the total sales of principal products of the trade, and includes therefore the sales of these products returned by establishments whether classified to the trade or to other trades. Those produced by establishments in other trades are shown in Table 9.

Table 10 shows the sales by establishments in the trade of products other than those regarded as principal products of the trade.

Table 20 (or 20(i)) shows sales by establishments in the trade of products, whether principal products or not, and broadly the aggregates here are equal to the corresponding figures in Table 8 (or 8(i)) less those in Table 9, plus those in Table 10.

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