

99 Spinning and doubling on the cotton and flax systems

This Report on the Spinning and Doubling on the Cotton and Flax Systems Industry relates to establishments engaged wholly or mainly in spinning, doubling or otherwise preparing yarn of cotton, flax, soft hemp, silk, and of man-made fibres (including glass fibre) on the cotton or flax systems.

This industry corresponds to minimum list heading 412 in the Standard Industrial Classification (Revised 1968) which has been used for the first time as a basis of classification in the 1968 Census. The definition of this industry however is unchanged from the last detailed Census of Production for 1963 in which it was reported (Part 76) Spinning and Doubling of Cotton, Flax and Man-made Fibres.

METHOD OF CLASSIFICATION

The classification of returns to this industry followed the standard procedure, as outlined in the notes on page (i) but special rules were used for their classification to sub-divisions, the sub-divisions being partly defined according to processes carried out (spinning only, spinning and doubling, or doubling only) and partly in terms of characteristic products.

Returns by firms which spun (ie which reported making single yarn) were classified to the main sub-division 'Spinners', 'Spinners-doublers', 'Producers of crêped, bulked, textured or stretch continuous filament yarns' or 'Producers of finished thread', if they showed that sales of single yarn, doubled yarn, processed continuous filament yarn or finished thread, respectively, amounted to at least a half of total output; otherwise they were classified to 'Remainder of industry'. Within the main sub-division of 'Spinners', returns were classified to the sub-divisions 'Spun cotton yarns', 'Cotton waste yarns', 'Spun man-made fibres and mixture yarns' and 'Spun flax and hemp yarns' if they showed that sales of these amounted to two-thirds or more of total output but otherwise to the sub-division 'Other and unclassified'.

Returns by firms which did not spin (ie which reported that no single yarn was made) were allocated to the main sub-divisions 'Doublers', 'Producers of crêped, bulked, textured or stretch continuous filament yarns' or 'Producers of finished thread' if they showed that sales of doubled yarn, crêped, bulked, textured or stretch continuous filament yarn or finished thread, respectively, amounted to at least a half of total output, otherwise they were classified to 'Remainder of industry'.

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

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

(d) Administrative, technical and clerical employees.

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

(f) Acquisitions less disposals.

TABLE 1 Industry summary, 1963 and 1968
United Kingdom (a) (b)

| | Unit | All establishments | |
|--|-------|--|---------|
| | | 1963 | 1968 |
| Number of enterprises | No. | 345 | 259 |
| Number of establishments | " | 571 | 428 |
| Gross output | £'000 | 246,670 | 317,898 |
| Net output | " | 77,021 | 113,379 |
| Net output per head | £ | 739 | 1,324 |
| Sales and work done | £'000 | goods produced and work done (c) | 310,513 |
| | | merchanted goods and canteen takings | 2,887 |
| Purchases | " | materials for use in production and packaging and fuel | 197,421 |
| | | goods for merchandising and canteen purchases | 2,526 |
| Payments to other organisations | " | for work done on materials given out for transport | 6,794 |
| | | by road | 1,385 |
| | | by rail and other means excluding postal services | |
| Stocks and work in progress | " | | |
| Total stocks and work in progress | " | change during year | + 8,423 |
| | | at end of year | 64,076 |
| Goods on hand for sale | " | change during year | + 2,157 |
| | | at end of year | 23,604 |
| Work in progress | " | change during year | + 2,341 |
| | | at end of year | 13,764 |
| Materials, stores and fuel | " | change during year | + 3,925 |
| | | at end of year | 26,708 |
| Number employed on average during the year | Th. | total, including working proprietors | 85.6 |
| | | operatives | 75.6 |
| | | other employees (d) | 9.9 |
| Wages and salaries | £'000 | of operatives | 51,239 |
| | | of other employees (d) | 11,732 |
| Capital expenditure (e) | " | | |
| Total | " | 9,363 | 18,969 |
| New building work | " | 627 | 1,754 |
| Land and existing buildings (f) | " | 240 | 52 |
| Plant and machinery (f) | " | 8,775 | 16,838 |
| Vehicles (f) | " | 200 | 429 |

(a) For 1968, estimates for establishments not making satisfactory returns and for small establishments, from which only employment data were collected, accounted for 1 per cent. of the total figures in which they were incorporated: of this, unsatisfactory returns accounted for less than 1 per cent. For 1963 the comparable figures were 2 per cent. and less than 1 per cent. respectively.

(b) The following information relates to small establishments (employing fewer than 25 persons) in this industry. It includes an estimate for small establishments not making satisfactory returns.

| | 1963 | 1968 |
|--------------------------|-------|------|
| Number of establishments | 123 | 75 |
| Average number employed: | | |
| Working proprietors | 132 | 67 |
| Other persons employed | 1,503 | 884 |

Footnotes continued on page 99/2.

TABLE 2 Analysis by size of establishment within the industry, 1968

(i) Output and employment

All establishments: United Kingdom

| Number employed on average during the year by the establishment (a) | Estab-lish-ments | Enter-prises (b) | Total number employed on average during the year (a) | Gross output | Net output | Net output per head |
|---|------------------|------------------|--|--------------|------------|---------------------|
| | | | | | | |
| 1-5 | 13 | 13 | 46 | .. | .. | .. |
| 6-10 | 15 | 15 | 121 | .. | .. | .. |
| 11-24 | 40 | 39 | 715 | .. | .. | .. |
| 25-49 | 54 | 52 | 2,062 | 8,164 | 2,640 | 1,280 |
| 50-99 | 65 | 61 | 4,741 | 21,405 | 6,369 | 1,343 |
| 100-199 | 65 | 50 | 9,281 | 35,314 | 12,140 | 1,308 |
| 200-299 | 65 | 36 | 16,297 | 58,594 | 19,310 | 1,185 |
| 300-399 | 45 | 22 | 15,683 | 61,815 | 17,968 | 1,146 |
| 400-499 | 21 | 15 | 9,348 | 36,199 | 13,290 | 1,422 |
| 500-749 | 21 | 13 | 12,199 | 43,129 | 16,562 | 1,358 |
| 750 and over | 11 | 8 | 14,717 | 48,490 | 23,394 | 1,590 |
| Unsatisfactory returns | 13 | 13 | 411 | .. | .. | .. |
| Total | 428 | 259 | 85,621 | 317,898(c) | 113,379(c) | 1,324(c) |

(ii) Employees, wages and salaries

All establishments: United Kingdom

| Number employed on average during the year by the establishment (a) | Employees | | Wages and salaries | | Wages and salaries per head | |
|---|-------------|------------|--------------------|------------|-----------------------------|------------|
| | Oper-atives | Others (d) | Oper-atives | Others (d) | Oper-atives | Others (d) |
| | Number | Number | £'000 | £'000 | £ | £ |
| 1-5 | .. | .. | .. | .. | .. | .. |
| 6-10 | .. | .. | .. | .. | .. | .. |
| 11-24 | .. | .. | .. | .. | .. | .. |
| 25-49 | 1,760 | 267 | 1,175 | 351 | 668 | 1,314 |
| 50-99 | 4,194 | 526 | 2,822 | 689 | 673 | 1,310 |
| 100-199 | 8,234 | 1,027 | 5,730 | 1,207 | 696 | 1,175 |
| 200-299 | 14,611 | 1,665 | 9,586 | 1,922 | 656 | 1,154 |
| 300-399 | 14,138 | 1,542 | 9,835 | 1,938 | 696 | 1,257 |
| 400-499 | 8,293 | 1,049 | 5,518 | 1,215 | 665 | 1,158 |
| 500-749 | 10,557 | 1,637 | 7,049 | 1,924 | 668 | 1,175 |
| 750 and over | 12,701 | 2,005 | 8,788 | 2,318 | 692 | 1,156 |
| Unsatisfactory returns | .. | .. | .. | .. | .. | .. |
| Total | 75,571(c) | 9,858(c) | 51,239(c) | 11,732(c) | 678(c) | 1,190(c) |

(a) Including working proprietors.

(b) The sum of the figures for the size groups exceeds the total for the industry to the extent that enterprises made returns for establishments in more than one size group.

(c) Including estimates for establishments employing fewer than 25 persons and for establishments not making satisfactory returns.

(d) Administrative, technical and clerical employees.

TABLE 3 Percentage analysis of employees, by age and sex, 1969 (a)

All establishments: United Kingdom

| Ages | Males | Females | All employees |
|-------------|-----------|-----------|---------------|
| | Per cent. | Per cent. | Per cent. |
| Under 18 | 4 | 3 | 7 |
| 18 and over | 44 | 49 | 93 |
| All ages | 48 | 52 | 100 |

Source: Department of Employment

(a) The percentages relate to the numbers employed (excluding working proprietors) at June 1969, the earliest date for which the information is available on the basis of the Standard Industrial Classification, (Revised 1968).

Footnotes to Table 4.

- (a) Some establishments employing fewer than 25 persons were included in returns for larger establishments. These amounted to 1 establishment in 1968 and 9 in 1963.
- (b) The method of classifying returns to sub-divisions of the industry is explained in the introduction to this report.
- (c) The sum of the figures for the sub-divisions exceeds the total for the industry to the extent that enterprises made returns for more than one sub-division.
- (d) Including services rendered to other organisations (amounts charged for hiring out plant, machinery or other goods, for providing transport, or for technical or other services rendered).
- (e) Direct sales of goods (excluding canteen takings) made to, and work done for, the general public by larger establishments are included. These amounted to £93,000 in 1968. Similar information is not available for 1963.
- (f) Characteristic products relate only to specific sub-divisions of the industry.
- (g) For sub-divisions of the industry, this is the ratio of sales of characteristic products to total sales of goods produced and work done. For the industry as a whole, this is the ratio of total sales of principal products by the industry to total sales of goods produced and work done.
- (h) Administrative, technical and clerical employees.
- (i) Excluding expenditure for establishments not yet in production.
- (j) Acquisitions less disposals.

TABLE 4 Analysis of larger establishments, 1963 and 1968

Establishments employing 25 or more persons: Analysis of returns received, United Kingdom (a)

| | Unit | Sub-divisions of the industry (b) | | | | Sub-divisions of the industry (b) | | | | | | | | |
|--|-----------|---|--------|--------------------|--------|--|--------|--------------------------|--------|------------------------|--------|----------|--------|--------|
| | | Spinners | | | | Spinners (continued) | | | | | | Doublers | | |
| | | Spun cotton yarns | | Cotton waste yarns | | Spun man-made fibres and mixture yarns | | Spun flax and hemp yarns | | Other and unclassified | | | | |
| | | 1963 | 1968 | 1963 | 1968 | 1963 | 1968 | 1963 | 1968 | 1963 | 1968 | 1963 | 1968 | |
| Number of enterprises (c) | No. | 51 | 40 | 31 | 19 | 24 | 18 | 20 | 16 | 30 | 21 | 32 | 31 | |
| Number of establishments | " | 111 | 77 | 44 | 25 | 37 | 36 | 23 | 19 | 42 | 25 | 45 | 42 | |
| Gross output | £'000 | 64,683 | 61,127 | 10,258 | 4,984 | 20,757 | 40,299 | 10,152 | 8,343 | 21,165 | 17,459 | 26,635 | 32,895 | |
| Net output | " | 21,660 | 20,085 | 3,938 | 2,189 | 7,045 | 13,614 | 4,527 | 3,775 | 6,910 | 6,526 | 4,790 | 6,050 | |
| Net output per head | £ | 655 | 973 | 833 | 1,007 | 764 | 1,229 | 622 | 793 | 620 | 899 | 763 | 1,099 | |
| Sales and work done | £'000 | goods produced and work done (d) (e) | 64,225 | 61,290 | 10,087 | 4,953 | 20,548 | 39,378 | 10,312 | 8,339 | 21,271 | 17,534 | 26,091 | 32,564 |
| | | merchanted goods and canteen takings | 553 | 358 | 83 | 34 | 168 | 60 | 73 | 26 | 106 | 172 | 511 | 140 |
| Sales of characteristic products | " | 58,609 | 55,635 | 9,911 | 4,672 | 19,015 | 33,669 | 9,629 | 7,941 | 19,634 | 16,348 | 23,991 | 31,526 | |
| Index of specialisation (g) | Per cent. | 91 | 91 | 98 | 94 | 93 | 86 | 93 | 95 | 92 | 93 | 92 | 97 | |
| Purchases | £'000 | materials for use in production and packaging, and fuel | 42,512 | 40,528 | 6,056 | 2,743 | 13,356 | 25,998 | 5,694 | 4,633 | 14,043 | 10,444 | 21,081 | 26,292 |
| | | goods for merchandising and canteen purchases | 567 | 343 | 74 | 38 | 153 | 61 | 79 | 34 | 104 | 175 | 471 | 138 |
| Payments to other organisations | " | for work done on materials given out | 189 | 232 | 182 | 15 | 329 | 594 | 122 | 104 | 187 | 265 | 262 | 393 |
| | | for transport by road | 291 | 316 | 38 | 26 | 111 | 196 | 60 | 27 | 98 | 76 | 86 | 109 |
| | | by rail and other means excluding postal services | | | | | | | | | | | | |
| Stocks and work in progress | | | | | | | | | | | | | | |
| Goods on hand for sale | " | change during year | + 63 | - 587 | + 81 | - 1 | + 51 | + 775 | - 237 | - 86 | - 220 | - 257 | - 49 | + 104 |
| | | at end of year | 4,303 | 3,179 | 462 | 248 | 1,523 | 3,651 | 390 | 596 | 1,345 | 1,081 | 588 | 1,297 |
| Work in progress | " | change during year | - 158 | + 65 | + 7 | - 2 | - 10 | + 86 | + 4 | + 65 | + 8 | + 11 | + 83 | + 86 |
| | | at end of year | 1,461 | 1,232 | 99 | 45 | 516 | 960 | 273 | 295 | 591 | 424 | 975 | 980 |
| Materials, stores and fuel | " | change during year | + 536 | + 385 | + 28 | + 27 | + 237 | + 221 | + 330 | + 287 | + 176 | + 37 | + 55 | + 92 |
| | | at end of year | 5,734 | 5,874 | 642 | 368 | 1,890 | 3,293 | 1,879 | 1,676 | 1,967 | 1,603 | 978 | 1,801 |
| Number employed on average during the year | No. | total including working proprietors | 33,079 | 20,639 | 4,729 | 2,173 | 9,218 | 11,080 | 7,277 | 4,759 | 11,146 | 7,257 | 6,276 | 5,505 |
| | | operatives | 30,863 | 18,843 | 4,356 | 1,974 | 8,434 | 9,968 | 6,716 | 4,298 | 10,297 | 6,552 | 5,677 | 4,915 |
| | | other employees (h) | 2,214 | 1,794 | 364 | 192 | 775 | 1,109 | 527 | 425 | 841 | 695 | 595 | 577 |
| Wages and salaries | £'000 | of operatives | 13,334 | 12,599 | 2,281 | 1,367 | 3,873 | 6,547 | 2,510 | 2,155 | 4,539 | 3,971 | 2,583 | 3,089 |
| | | of other employees (h) | 2,151 | 2,173 | 382 | 262 | 702 | 1,375 | 393 | 430 | 764 | 772 | 583 | 710 |
| Wages and salaries per head | £ | operatives | 432 | 660 | 524 | 693 | 459 | 657 | 374 | 501 | 441 | 606 | 455 | 629 |
| | | other employees (h) | 971 | 1,211 | 1,049 | 1,364 | 906 | 1,240 | 746 | 1,012 | 908 | 1,111 | 980 | 1,230 |
| Capital expenditure (i) | | | | | | | | | | | | | | |
| New building work | £'000 | 138 | 164 | 36 | 3 | 60 | 193 | 21 | 19 | 23 | 62 | 4 | 220 | |
| Land and existing buildings | " | acquisitions | 13 | 1 | 2 | 3 | - | 3 | | | | | 12 | |
| | | disposals | 84 | 42 | 4 | - | - | 8 | | | | | | 8 |
| Plant and machinery | " | acquisitions | 3,348 | 2,883 | 211 | 131 | 974 | 1,437 | 350 | 330 | 350 | 694 | 199 | 1,009 |
| | | disposals | 391 | 92 | 8 | 1 | 165 | 29 | 24 | 5 | 47 | 30 | 25 | 13 |
| Vehicles | " | acquisitions | 47 | 47 | 16 | 9 | 14 | 23 | 13 | 23 | 20 | 16 | 28 | 74 |
| | | disposals | 19 | 18 | 4 | 3 | 5 | 7 | 3 | 10 | 8 | 7 | 12 | 21 |

Continued on next page.

TABLE 4 (continued)

| | Unit | Sub-divisions of the industry (b) | | | | |
|--|-----------|---|--------|--|--------|---------|
| | | Spinners-doublers | | Producers of crêped, bulked, textured or stretch continuous filament yarns | | |
| | | 1963 | 1968 | 1963 | 1968 | |
| Number of enterprises (c) | No. | 38 | 25 | 26 | 27 | |
| Number of establishments | " | 48 | 29 | 38 | 53 | |
| Gross output | £'000 | 35,099 | 26,370 | 27,094 | 81,127 | |
| Net output | " | 8,227 | 8,962 | 7,964 | 30,529 | |
| Net output per head | £ | 692 | 1,142 | 1,127 | 2,009 | |
| Sales and work done | £'000 | goods produced and work done (d) (e) | 35,075 | 26,122 | 26,680 | 77,050 |
| | | merchanted goods and canteen takings | 130 | 57 | 302 | 757 |
| Sales of characteristic products | " | 33,217 | 26,017 | 24,377 | 69,930 | |
| Index of specialisation (g) | Per cent. | 95 | 99 | 91 | 91 | |
| Purchases | £'000 | materials for use in production and packaging, and fuel | 26,293 | 16,791 | 18,795 | 48,423 |
| | | goods for merchandising and canteen purchases | 119 | 54 | 226 | 692 |
| Payments to other organisations | " | for work done on materials given out | 319 | 675 | 252 | 2,690 |
| | | for transport | 143 | 153 | 144 | 361 |
| | | by road | | 26 | | 56 |
| Stocks and work in progress | " | Goods on hand for sale | - 139 | + 105 | - 44 | + 1,726 |
| | | at end of year | 1,207 | 1,767 | 1,336 | 4,597 |
| Work in progress | " | change during year | + 32 | + 86 | + 155 | + 1,594 |
| | | at end of year | 1,203 | 895 | 838 | 4,105 |
| Materials, stores and fuel | " | change during year | + 3 | + 291 | + 287 | + 1,625 |
| | | at end of year | 2,363 | 2,218 | 1,782 | 4,769 |
| Number employed on average during the year | No. | total including working proprietors | 11,884 | 7,849 | 7,065 | 15,194 |
| | | operatives | 10,844 | 7,115 | 6,046 | 12,786 |
| | | other employees (h) | 1,030 | 725 | 1,008 | 2,394 |
| Wages and salaries | £'000 | of operatives | 5,047 | 4,674 | 3,466 | 10,694 |
| | | of other employees (h) | 932 | 926 | 946 | 2,829 |
| Wages and salaries per head | £ | operatives | 465 | 657 | 573 | 836 |
| | | other employees (h) | 905 | 1,278 | 939 | 1,182 |
| Capital expenditure (i) | £'000 | 163 | 71 | 66 | 696 | |
| Land and existing buildings | " | acquisitions | 1(j) | 1 | 3 | |
| | | disposals | | * | 21 | |
| Plant and machinery | " | acquisitions | 1,039 | 544 | 1,371 | 8,728 |
| | | disposals | 55 | 38 | 102 | 176 |
| Vehicles | " | acquisitions | 34 | 42 | 48 | 194 |
| | | disposals | 11 | 18 | 11 | 41 |

For notes to this table - see page 99/5.

| | Unit | Sub-divisions of the industry (b) | | | | Total | | |
|--|-----------|---|--------|---------------------------|-------|---------|---------|---------|
| | | Producers of finished thread | | Remainder of the industry | | 1963 | 1968 | |
| | | 1963 | 1968 | 1963 | 1968 | | | |
| Number of enterprises (c) | No. | 24 | 18 | 21 | 14 | 237 | 185 | |
| Number of establishments | " | 37 | 28 | 24 | 14 | 449 | 348 | |
| Gross output | £'000 | 22,715 | 34,771 | 3,474 | 5,790 | 242,032 | 313,164 | |
| Net output | " | 9,543 | 18,126 | 969 | 1,835 | 75,573 | 111,691 | |
| Net output per head | £ | 942 | 2,069 | 635 | 1,623 | 739 | 1,324 | |
| Sales and work done | £'000 | goods produced and work done (d) (e) | 23,291 | 33,339 | 3,236 | 5,320 | 240,817 | 305,889 |
| | | merchanted goods and canteen takings | 355 | 855 | 222 | 386 | 2,502 | 2,844 |
| Sales of characteristic products | " | 19,801 | 25,250 | (f) | (f) | (f) | (f) | |
| Index of specialisation (g) | Per cent. | 85 | 76 | .. | .. | 99 | 98 | |
| Purchases | £'000 | materials for use in production and packaging, and fuel | 11,421 | 15,515 | 2,349 | 3,114 | 161,600 | 194,481 |
| | | goods for merchandising and canteen purchases | 286 | 645 | 151 | 308 | 2,231 | 2,488 |
| Payments to other organisations | " | for work done on materials given out | 1,499 | 1,394 | 69 | 332 | 3,409 | 6,693 |
| | | for transport | 148 | 71 | 20 | 32 | 1,139 | 1,365 |
| | | by road | | 90 | | 1 | | 313 |
| Stocks and work in progress | " | Goods on hand for sale | - 670 | + 271 | + 6 | + 75 | - 1,157 | + 2,125 |
| | | at end of year | 5,322 | 6,400 | 69 | 436 | 16,544 | 23,252 |
| Work in progress | " | change during year | - 260 | + 305 | + 10 | + 9 | - 129 | + 2,306 |
| | | at end of year | 4,905 | 4,517 | 85 | 106 | 10,946 | 13,559 |
| Materials, stores and fuel | " | change during year | + 182 | + 1,070 | + 84 | - 169 | + 1,919 | + 3,866 |
| | | at end of year | 3,199 | 4,073 | 341 | 637 | 20,775 | 26,310 |
| Number employed on average during the year | No. | total including working proprietors | 10,128 | 8,759 | 1,525 | 1,131 | 102,327 | 84,346 |
| | | operatives | 8,126 | 7,039 | 1,347 | 1,013 | 92,706 | 74,503 |
| | | other employees (h) | 1,987 | 1,695 | 168 | 113 | 9,509 | 9,719 |
| Wages and salaries | £'000 | of operatives | 3,895 | 4,740 | 565 | 677 | 42,094 | 50,514 |
| | | of other employees (h) | 1,801 | 1,954 | 140 | 136 | 8,794 | 11,566 |
| Wages and salaries per head | £ | operatives | 479 | 673 | 420 | 669 | 454 | 678 |
| | | other employees (h) | 906 | 1,153 | 835 | 1,205 | 925 | 1,190 |
| Capital expenditure (i) | £'000 | 105 | 216 | 1 | 85 | 615 | 1,728 | |
| Land and existing buildings | " | acquisitions | - | - | - | * | 30 | 288 |
| | | disposals | 2 | 1 | 1 | - | 265 | 339 |
| Plant and machinery | " | acquisitions | 1,705 | 1,183 | 58 | 159 | 9,606 | 17,097 |
| | | disposals | 171 | 106 | 9 | 19 | 996 | 510 |
| Vehicles | " | acquisitions | 111 | 189 | 10 | 12 | 340 | 630 |
| | | disposals | 65 | 78 | 6 | 5 | 143 | 207 |

TABLE 5 Sales of principal products of the industry by larger establishments, including sales by establishments classified to other industries, 1963 and 1968

Establishments employing 25 or more persons:
Analysis of returns received, United Kingdom

| | 1963 | | 1968 | | | |
|--|-----------|----------|----------|----------|--------------|---------|
| | Quantity | Value | Quantity | Value | Enter-prises | Entries |
| | Th.lb. | £'000 | Th.lb. | £'000 | Number | Number |
| Cotton laps, slivers, rovings and other intermediate bobbins (excluding rovings sold for use as yarn) | 2,701 | 371 | .. | 472 | 8 | 24 |
| Single yarn of cotton, glass fibres and man-made fibres (excluding purchased yarn merely reeled, wound, etc and continuous filament yarns bulked, textured or given an additional twist) | | | | | | |
| Of cotton (including mixtures of cotton and cotton waste if known as 'cotton yarn') (a) | | | | | | |
| Counts up to and including 20's | } 347,851 | } 70,045 | 188,308 | 37,127 | 54 | 101 |
| Counts above 20's and up to and including 56's | | | 97,367 | 27,336 | 43 | 80 |
| Counts over 56's | | | 6,516 | 2,894 | 12 | 22 |
| Of cotton waste (including mixtures of cotton and cotton waste if known as 'waste yarn') | 81,986 | 11,047 | 46,216 | 6,231 | 33 | 48 |
| Of man-made staple fibres (nylon, rayon, etc) | | | | | | |
| Synthetic (nylon, etc) | } 115,003 | } 24,929 | { 27,558 | { 11,618 | } 25 | } 36 |
| Other (rayon, etc) | | | .. | 1,561 | | |
| Mixtures of synthetic (nylon, etc) with other man-made fibres (rayon, etc) | | | 76,694 | 16,069 | 41 | 63 |
| Of man-made fibre waste | .. | (b) | { 2,307 | { 166 | } 11 | } 18 |
| | | | .. | 110 | | |
| Mixture yarns of cotton and synthetic fibres (nylon, etc) | } 32,450 | } 7,819 | 10,647 | 4,639 | 11 | 19 |
| Mixture yarns of cotton and man-made fibres other than synthetic (rayon, etc) | | | | | 28,443 | 6,433 |
| Mixture yarns of flax and man-made fibres | } 4,706 | } 1,461 | 6,314 | 1,412 | 9 | 12 |
| Other mixture yarns | | | | | 618 | 323 |
| Core spun yarns | .. | (b) | 2,975 | 1,910 | 8 | 12 |
| Total single yarn of cotton, glass fibres and man-made fibres (excluding purchased yarn merely reeled, wound, etc and continuous filament yarns bulked, textured or given an additional twist) | .. | 115,302 | .. | 123,935 | .. | .. |

TABLE 5 (continued)

| | 1963 | | 1968 | | | |
|---|-----------|----------|----------|---------|--------------|---------|
| | Quantity | Value | Quantity | Value | Enter-prises | Entries |
| | Th.lb. | £'000 | Th.lb. | £'000 | Number | Number |
| Doubled yarn of cotton, glass fibres and man-made fibres and single yarn bulked, textured or given an additional twist (including doubled or twisted thread advanced beyond the stage of single yarn, and hand knitting yarn but excluding purchased yarn merely reeled, wound, etc) | | | | | | |
| Of cotton (including cotton waste) (c) | | | | | | |
| Counts up to and including 20's | } 106,877 | } 26,258 | 74,771 | 16,908 | 58 | 72 |
| Counts above 20's and up to and including 56's | | | 15,431 | 6,576 | 34 | 42 |
| Counts over 56's | | | 4,724 | 3,078 | 13 | 18 |
| Of man-made continuous filament (nylon, rayon, etc) | | | | | | |
| Tyre cord | | | | | | |
| Synthetic (nylon, etc) | } 63,303 | } 16,566 | 18,428 | 7,970 | 7 | 7 |
| Other (rayon, etc) | | | 98,666 | 17,529 | 6 | 9 |
| Crêped, bulked, textured or stretch | | | | | | |
| Synthetic (nylon, etc) | 36,381 | 27,828 | 118,843 | 78,350 | 35 | 42 |
| Other (rayon, etc) | } 41,729 | } 16,418 | 5,172 | 2,624 | 12 | 12 |
| Other | | | | | | |
| Synthetic (nylon, etc) | | | 13,588 | 6,388 | 24 | 27 |
| Other (rayon, etc) | | | 7,272 | 2,638 | 17 | 21 |
| Of spun man-made fibres, including man-made fibre waste (d) | | | | | | |
| Synthetic (nylon, etc) | } 18,999 | } 6,155 | 7,222 | 3,964 | 19 | 27 |
| Other (rayon, etc) | | | | | 11,651 | 2,548 |
| Mixtures of synthetic (nylon, etc) with other man-made fibres (rayon, etc) | | | 12,475 | 4,001 | 14 | 21 |
| Core spun yarns | .. | (b) | 1,463 | 1,140 | 13 | 13 |
| Mixture yarns containing continuous filament man-made fibres (e) | 2,700 | 938 | 6,117 | 1,711 | 8 | 10 |
| Other mixture yarns | 10,682 | 4,685(f) | 5,717 | 3,593 | 18 | 20 |
| Total doubled yarn of cotton, glass fibres and man-made fibres and single yarn bulked, textured or given an additional twist (including doubled or twisted thread advanced beyond the stage of single yarn and hand knitting yarn but excluding purchased yarn merely reeled, wound, etc) | .. | 98,849 | .. | 159,019 | .. | .. |

Continued on next page.

TABLE 5 (continued)

| | 1963 | | 1968 | | | |
|---|-----------|------------|---------------|--------------|--------------|---------|
| | Quantity | Value | Quantity | Value | Enter-prises | Entries |
| | Th.lb. | £'000 | Th.cwt. | £'000 | Number | Number |
| Thrown silk yarn and spun yarn of silk, or of silk mixed with other materials | 197 .. | 566 259 | .. | 510 | 6 | 6 |
| Flax | Th.cwt. | | Th.cwt. | | | |
| Dressed (line) | 9.5 | 127 | 11.5 | 163 | * | 5 |
| Tow or codilla | 6.8 | 66 | 12.7 | 122 | 11 | 12 |
| Yarn | | | | | | |
| Line | 203 | 6,838 | 120 | 4,131 | 18 | 21 |
| Tow | 210 | 4,426 | 215 | 4,709 | 18 | 22 |
| Total yarns of flax | .. | 11,456 | .. | 9,125 | .. | .. |
| Line and tow yarn of soft fibres, ie of true hemp, Indian, sunn or other soft hemp (including tow and waste) | 26.2 | 351 | 7.5 | 160 | 6 | 6 |
| Finished thread for sewing, embroidery, etc | | | | | | |
| Of cotton | Th.lb. | | Th.lb. | | | |
| For industrial uses | 13,590 | 10,630 | 10,713 | 9,592 | 20 | 23 |
| Other | 2,669 | 3,544 | 5,476 | 5,764 | 5 | 7 |
| Of man-made fibres (nylon, rayon, etc) or of man-made fibres mixed with other materials except silk | 2,555 | 3,298 | 6,633 | 9,442 | 19 | 22 |
| Of linen | 3,728 | 2,512 | 2,941 | 2,569 | 6 | 7 |
| Of silk, or of silk mixed with other materials | 76.0 | 357 | 23.9 | 125 | 5 | 6 |
| Total finished thread | .. | 20,340 | .. | 27,491 | .. | .. |
| Yarn of cotton and/or man-made fibres (nylon, rayon, etc, other than continuous filament yarn) purchased and reeled, wound, beamed, coned, pirned, sized, etc | 12,634 | 3,063 | 5,967 | 1,736 | 23 | 32 |
| Continuous filament yarn of man-made fibres (nylon, rayon, etc) purchased and reeled, wound, beamed, coned, pirned, sized, etc | .. | (b) | 4,083 | 1,860 | 8 | 9 |
| Other products including single and double yarn of glass fibres | .. | 2,163 | .. | 2,635 | 18 | 20 |
| Waste products | | | | | | |
| Cotton waste, unmanufactured | 72,023 | 3,086 | 42,703 | 1,237 | 83 | 144 |
| Man-made fibre waste, unmanufactured | .. | 552 | { 4,563 .. | { 127 142 | { 46 | { 79 |
| Other waste products | .. | .. | 8,979 | 182 | 48 | 77 |
| Work done | | | | | | |
| Spinning of cotton and man-made staple fibre | 2,415 | 156 | { 3,372 .. | { 227 85 | { 7 | { 12 |

TABLE 5 (continued)

| | 1963 | | 1968 | | | |
|--|----------------|-------------|----------------|------------------|--------------|---------|
| | Quantity | Value | Quantity | Value | Enter-prises | Entries |
| | Th.lb. | £'000 | Th.lb. | £'000 | Number | Number |
| Work done (continued) | | | | | | |
| Processing of yarn of cotton and man-made fibres (nylon, rayon, etc) other than continuous filament yarn | | | | | | |
| Doubling, twisting, etc | .. | 2,356(f) | { 7,290 .. | { 469 71 | { 32 | { 40 |
| Reeling, coning, pirning and cheesing | 32,883 | 997 | 47,181 | 1,087 | 55 | 94 |
| Beaming, sizing, etc | { 17,712 .. | { 447 89 | { 13,196 | { 383 | { 36 | { 55 |
| Processing of continuous filament yarn | 26,852 | 2,421 | { 57,484 .. | { 8,251 1,857 | { 27 | { 35 |
| Other work done | | 243 | | 295 | 18 | 23 |
| Total | | 263,066 | | 341,357 | .. | .. |
| Sales in other industries (see Table 6) | | 24,269 | | 41,473 | .. | .. |
| Principal products of this industry sold by establishments in the industry | | 238,797 | | 299,884 | 185 | 316(g) |

(a) For 1963, the categories separately distinguished and the amounts recorded were as follows:

| | Th.lb. | £'000 |
|--|---------|--------|
| Counts up to and including 26's | 225,349 | 38,587 |
| Counts above 26's and up to and including 80's | 118,684 | 29,731 |
| Counts over 80's | 3,817 | 1,727 |

(b) Not separately distinguished for 1963.

(c) For 1963, the categories separately distinguished and the amounts recorded were as follows:

| | Th.lb. | £'000 |
|--|--------|--------|
| Counts up to and including 26's | 83,331 | 16,087 |
| Counts above 26's and up to and including 80's | 21,034 | 8,258 |
| Counts over 80's | 2,512 | 1,913 |

(d) 'Man-made fibre waste' was not specifically included for 1963.

(e) For 1963 described as 'Mixture yarns of a combination of spun, and continuous filament man-made fibres (rayon, nylon, etc)'.

(f) Amended figure.

(g) This figure represents the total number of returns made for larger establishments in this industry which is less than the total number of establishments shown in Table 4 on account of combined returns covering more than one establishment.

TABLE 6 Sales of principal products of the industry by larger establishments classified to other industries, 1963 and 1968

Establishments employing 25 or more persons:
Analysis of returns received, United Kingdom

| | 1963 | | 1968 | | | |
|--|-----------------|----------------|-----------------|----------------|--------------|--|
| | Quantity | Value | Quantity | Value | Entries | Principal industries in which produced (a) |
| Single yarn of cotton, glass fibres and man-made fibres (excluding purchased yarn merely reeled, wound, etc. and continuous filament yarns bulked, textured or given an additional twist) | Th.lb. 6,737 | £'000 2,076 | .. | £'000 1,857 | Number 16 | 101, 102, 104, 106 |
| Doubled yarn of cotton, glass fibres and man-made fibres and single yarn bulked, textured or given an additional twist (including doubled or twisted thread advanced beyond the stage of single yarn, and hand knitting yarn but excluding purchased yarn merely reeled, wound, etc) | 49,003 | 17,632(b) | .. | 36,514 | 18 | 98, 101, 104, 107 |
| Flax yarn and line and tow yarn of soft fibres ie of true hemp, Indian, sunn or other soft hemp (including tow and waste) | Th.cwt. 32.2 | 541 | Th.cwt. 11.0 | 236 | 7 | 100, 103 |
| Finished thread for sewing, embroidery, etc | Th.lb. | | Th.lb. 171 | 188 | * | 104, 107 |
| Yarn of cotton and/or man-made fibres (nylon, rayon, etc other than continuous filament yarn) purchased and reeled, wound, beamed, coned, pirned, sized, etc | 2,694 | 1,155 | 2,425 | 683 | 15 | 100 |
| Work done | .. | 2,866(b) | {40,689 .. | {1,072 922 | {67 | 100, 110 |
| Total | | 24,269 | | 41,473 | | |

(a) The references given are to the list of industries at the front of this report.

(b) Amended figure.

TABLE 7 Sales of other than principal products by larger establishments in the industry, 1963 and 1968

Establishments employing 25 or more persons:
Analysis of returns received, United Kingdom

| | Value | |
|---|----------------|----------------|
| | 1963 | 1968 |
| Sales of other than principal products including services rendered to other organisations (a) | £'000 2,020 | £'000 6,005 |
| Total value of goods sold without having been subjected to any manufacturing process (merchanted or factored) | 1,997 | 2,311 |
| Canteen takings | 505 | 533 |
| Total | 4,522 | 8,849 |

(a) Services rendered comprises amounts charged for hiring out plant, machinery or other goods, for providing transport, or for technical or other services rendered to other organisations.

TABLE 8 Production of certain principal products of the industry by all establishments, including production by establishments classified to other industries, 1963 and 1968 (a)

| | 1963 | 1968 |
|---|-------------|-------------|
| | Quantity | Quantity |
| Single yarn | Million lb. | Million lb. |
| Of cotton | | |
| Counts up to and including 9's | 82.6 | 76.3 |
| " over 9's and up to and including 20's | 153.9 | 116.1 |
| " " 20's " " " " " 56's | 140.1 | 102.6 |
| " " 56's | 18.0 | 9.0 |
| Total single yarn of cotton | 394.6 | 304.0 |
| Of spun man-made fibres | | |
| Counts up to and including 5's | 20.0 | 44.3 |
| " over 5's and up to and including 20's | 49.5 | 38.7 |
| " " 20's | 18.3 | 18.2 |
| Total single yarn of spun man-made fibres | 87.8 | 101.2 |
| Mixtures of cotton and man-made staple fibres | 30.3 | 38.2 |
| Other mixtures | 2.8 | 1.1 |
| Waste spinning (b) | | |
| Yarns of cotton waste and/or raw cotton | 94.1 | 73.5 |
| Yarns of man-made staple fibres (including waste) | 2.0 | 5.2 |
| Mixture yarns of cotton and man-made staple fibres | 2.8 | 2.4 |
| Other cotton mixture yarns | 1.2 | 0.5 |
| Total waste spinning | 100.1 | 81.6 |
| Total single yarn | 615.6 | 526.1 |
| Doubled yarn | | |
| Of cotton (including cotton waste) | | |
| Counts up to and including 9's | 55.0 | 51.9 |
| " over 9's and up to and including 20's | 35.2 | 29.2 |
| " " 20's " " " " " 56's | 29.2 | 21.3 |
| " " 56's | 12.0 | 7.6 |
| Total doubled yarn of cotton (including cotton waste) | 131.4 | 110.0 |
| Of spun man-made fibres | 14.7 | 16.1 |
| Continuous filament yarns | 75.0 | 80.1 |
| Mixtures and others | 17.3 | 18.4 |
| Total doubled yarn | 238.4 | 224.5 |

(a) This table supplements Table 5 by giving in greater detail, figures of the total production of yarn, including yarn spun or doubled on commission and yarn to be further processed in the same establishment as well as yarn produced for sale. The figures are derived from returns made monthly to the Textile Council and differ in coverage and timing from those shown in the rest of this report. They exclude yarn of man-made fibres spun or doubled on the jute, silk, linen and woollen and worsted systems but include production by small establishments. Some firms in Northern Ireland, for which figures were not available, are excluded.

(b) The sub-divisions shown for cotton waste yarn do not correspond with the headings in Table 5.

TABLE 9 Purchases by larger establishments of selected principal products of the industry, 1968 (a) (b)
Establishments employing 25 or more persons: Analysis of returns received, United Kingdom

| Standard Industrial Classification | Purchasing industry (c) | Cotton yarn (including cotton waste yarn) | |
|------------------------------------|--|---|---------|
| | | Quantity | Cost |
| Minimum List Heading | | Th.lb. | £'000 |
| 412 | Spinning and doubling on the cotton and flax systems | 72,994 | 17,107 |
| 413 | Weaving of cotton, linen and man-made fibres | 245,842 | 55,465 |
| 414 | Woollen and worsted | 7,967 | 1,990 |
| 416 | Rope, twine and net | 8,490 | 1,197 |
| 417 | Hosiery and other knitted goods | 51,460 | 13,972 |
| 418 | Lace | 3,345 | 1,064 |
| | | .. | 133 |
| 419 | Carpets | 23,000 | 4,635 |
| 421 | Narrow fabrics | 14,248 | 4,447 |
| | | .. | 725 |
| 422/1 | Made-up household textiles and handkerchiefs | 12,116 | 2,663 |
| | | .. | 858 |
| 491 | Rubber | 3,844 | 980 |
| | | .. | 142 |
| | Other industries | 3,193 | 586 |
| | | .. | 1,234 |
| | Total | 446,500 | 104,106 |
| | | .. | 3,092 |

(a) The figures include purchases of imported as well as of home produced goods. The table also includes purchases of man-made fibre (rayon, nylon, etc) continuous filament yarn, a principal product of the Production of Man-made Fibres Industry (Part 98).
(b) Firms classified to the electrical group of industries (MLH 361-369) were not asked to record separately their purchases of yarn and are, therefore, not included in the totals shown: the following purchases were, however, recorded:

Yarn, thread, tape and cloth, not oiled or otherwise coated or impregnated with insulating materials except packaging materials

| | Th.lb. | £'000 |
|---------------------------------------|--------|-------|
| Of cotton | 2,255 | 962 |
| | .. | 191 |
| Of man-made fibre (rayon, nylon, etc) | 5,240 | 2,230 |
| | .. | 417 |
| Of glass fibre | 982 | 540 |
| | .. | 544 |
| Of silk | 18.6 | 33 |
| | .. | 8 |

(c) Specified Census industries for which purchases are 1 per cent. or more of the total of at least one of the commodities shown.
(d) Included in the total for 'Other industries'.
(e) Not recorded separately.

| Man-made fibre (rayon, nylon, etc) continuous filament yarn | | | | Man-made fibre (rayon, nylon, etc) spun yarn (including waste yarn) and spun yarn doubled with continuous filament yarn | | | |
|---|---------|-------------------------|--------|---|--------|-------------------------|--------|
| Synthetic (nylon, etc) yarn | | Other (rayon, etc) yarn | | Synthetic (nylon, etc) yarn | | Other (rayon, etc) yarn | |
| Quantity | Cost | Quantity | Cost | Quantity | Cost | Quantity | Cost |
| Th.lb. | £'000 | Th.lb. | £'000 | Th.lb. | £'000 | Th.lb. | £'000 |
| 112,780 | 51,329 | 43,145 | 9,448 | 1,757 | 932 | 6,510 | 1,786 |
| 44,599 | 18,072 | 79,160 | 22,237 | 4,723 | 2,497 | 36,980 | 9,048 |
| 7,088 | 3,865 | .. | (d) | 3,855 | 2,007 | 2,937 | 761 |
| | | | | .. | 496 | .. | (e) |
| 10,089 | 2,486 | .. | (e) | 3,637 | 624 | .. | (e) |
| 148,788 | 94,119 | 16,183 | 6,787 | 35,005 | 23,275 | 4,181 | 1,846 |
| .. | (d) | .. | (d) | .. | (e) | .. | (e) |
| 17,871 | 6,817 | 10,254 | 2,081 | 25,203 | 7,587 | 63,280 | 13,681 |
| .. | 854 | .. | .. | .. | 1,649 | .. | .. |
| 5,687 | 3,069 | 6,471 | 2,048 | 2,828 | 1,059 | 1,459 | 391 |
| .. | (e) | .. | 352 | .. | (e) | .. | 98 |
| .. | (e) | .. | (e) | .. | (e) | .. | (e) |
| .. | (d) | 17,953 | 4,057 | .. | (d) | .. | (d) |
| 10,825 | 4,838 | 3,138 | 1,061 | 2,148 | 693 | 707 | 164 |
| | | .. | 334 | .. | .. | .. | 84 |
| 357,729 | 184,595 | 176,304 | 47,719 | 79,156 | 38,672 | 116,054 | 27,678 |
| .. | 854 | .. | 686 | .. | 2,145 | .. | 183 |

TABLE 10 Purchases by larger establishments in the industry, 1963 and 1968

Establishments employing 25 or more persons: Analysis of returns received, United Kingdom

| | 1963 | | 1968 | |
|--|----------|--------|----------|--------|
| | Quantity | Cost | Quantity | Cost |
| Materials for use in production | | £'000 | | £'000 |
| Raw cotton | .. | 51,696 | .. | 46,502 |
| Cotton waste | .. | 6,919 | .. | 4,681 |
| Cotton laps, slivers, rovings and other intermediate bobbins | .. | 292 | .. | 205 |
| | Th.lb. | | Th.lb. | |
| Cotton yarn (including cotton waste yarn) | 71,499 | 15,907 | 72,994 | 17,107 |
| Flax and soft hemp in all forms (including tow and waste) | .. | 6,864 | .. | 5,750 |
| Man-made fibres (nylon, rayon, etc) | | | | |
| Staple fibre | | | | |
| Synthetic (nylon, etc) | .. | 5,964 | 66,100 | 17,087 |
| Other (rayon, etc) | .. | 14,416 | 119,205 | 14,461 |
| Waste | .. | 191 | 1,850 | 197 |
| | | | .. | 37 |
| Continuous filament yarn | | | | |
| Synthetic (nylon, etc) yarn | 44,179 | 22,711 | 112,780 | 51,329 |
| .. | .. | 2,910 | | |
| Other (rayon, etc) yarn | 48,801 | 9,829 | 43,145 | 9,448 |
| | .. | 1,370 | | |
| Spun yarn (including waste yarn) (a) | | | | |
| Synthetic (nylon, etc) | .. | 572 | 1,757 | 932 |
| Other (rayon, etc) | .. | 2,792 | 6,510 | 1,786 |
| Mixtures of synthetic (nylon, etc) with other man-made fibres (rayon, etc) | | | 180 | 72 |
| | | | .. | 261 |
| Mixture yarns of cotton and man-made fibres (nylon, rayon, etc) | .. | (b) | 5,979 | 2,027 |
| Core spun yarns | | | 2,673 | 1,724 |
| Raw silk | .. | 492 | .. | 302 |
| Silk waste and noils | .. | 142 | .. | 91 |
| | Th.gal. | | Th.gal. | |
| | 384 | 121 | 446 | 160 |
| Lubricating oils and greases | Th.cwt. | | Th.cwt. | |
| | 7.7 | 45 | 10.5 | 59 |
| | .. | 80 | | |
| Replacement parts for firms' own machinery, plant and vehicles, and accessories and consumable tools bought as replacement | | | | |
| Bobbins, pirns, cones, tubes, beams, etc, except paper tubes, etc, purchased for packaging | .. | 928 | .. | 1,806 |
| Card clothing | .. | 261 | .. | 298 |
| Spindles, flyers and rollers | .. | 281 | .. | 346 |
| Tyres and other spare parts for firms' own road goods vehicles | .. | 1,383 | .. | 40 |
| Other | .. | | .. | 2,065 |
| All other materials for use in production | .. | 5,985 | .. | 3,656 |

TABLE 10 (continued)

| | 1963 | | 1968 | |
|--|----------|---------|----------|---------|
| | Quantity | Cost | Quantity | Cost |
| Packaging materials | | £'000 | | £'000 |
| Paper and board | | | | |
| Boxes, cartons, drums and canisters (with or without metal ends) of paper and cardboard | .. | 755 | .. | 1,329 |
| Fibreboard packing cases | .. | | .. | 198 |
| Bags and multiwall paper sacks | .. | (b) | .. | 13 |
| Wrapping and packing paper (including paper coated with plastics and any laminates incorporating paper but not metal) | .. | 555 | .. | 226 |
| Other packaging materials of paper and paperboard (including moulded pulp units, labels, and cones, but excluding paper and board for converting into packaging materials) (c) | | | .. | 919 |
| Transparent regenerated cellulose film in sheets or rolls (d) | .. | 29 | .. | 20 |
| Plastic film up to 0.01 inches thick (e) | .. | 10 | .. | 154 |
| All other packaging materials | .. | 620 | .. | 486 |
| Fuel and electricity (f) | Th.tons | | Th.tons | |
| Coal | 253 | 1,400 | 105 | 633 |
| Coke (including screenings) and manufactured fuel | 38.1 | 254 | 5.8 | 39 |
| | | | .. | 7 |
| Derv fuel and motor spirit for use in road vehicles | 567 | 123 | 997 | 243 |
| | .. | 14 | .. | 25 |
| Other liquid fuels (including creosote/pitch mixtures, etc, and liquefied petroleum gases) | 14,450 | 553 | 21,265 | 958(g) |
| | | | .. | 119 |
| Gas | 931 | 66 | 453 | 41 |
| | .. | 10 | .. | 14 |
| Electricity | 717,550 | 4,287 | 876,641 | 5,536 |
| | .. | 773 | .. | 1,093 |
| Total cost of materials and fuel | | 161,600 | | 194,481 |
| Goods purchased for merchanting | | 1,770 | | 1,994 |
| Canteen purchases | | 461 | | 494 |
| Total cost of purchases | | 163,831 | | 196,969 |

(a) For 1963, waste yarn was not specifically included.

(b) Not recorded separately for 1963.

(c) For 1963, multiwall sacks only were specifically excluded.

(d) For 1963, described as 'Transparent cellulose film (including bags)'.

(e) For 1963, described as 'Sheet, film, foams, etc, wholly or mainly of polyethylene (including bags and lay flat tubing)'.

(f) The total quantity of electricity generated in establishments employing 25 or more persons in this industry was 13,902 Th.kWh in 1968 and 16,564 Th.kWh in 1963.

(g) For 1968 may include a small amount of fuels not covered by specific headings.

TABLE 11 Transport costs and employment of larger establishments, 1963 and 1968

Establishments employing 25 or more persons:
Analysis of returns received, United Kingdom

| | Unit | 1963 | 1968 |
|---|--|-----------------|--------------|
| Average number mainly employed on transport | No. | 388 | 393 |
| Transport costs | | | |
| Wages and salaries | £'000 | 270 | 386 |
| Derv fuel and motor spirit | " | 138 | 268 |
| Tyres and other spare parts for road goods vehicles | " | .. | 40 |
| Payments to other organisations for transport | { by road { by rail and other means excluding postal services | 1,139 | 1,365 |
| | | | 313 |
| Costs of operating road goods vehicles | | | |
| Insurance | " | 28 | 25 |
| Vehicle licences | " | 19 | 40 |
| Depreciation | " | 186 | 146 |
| Payments to other organisations for repairs and maintenance | " | 67 | 72 |
| Total | " | 1,845(a) | 2,654 |

(a) Excluding tyres and other spare parts for road goods vehicles, not collected separately for 1963.

TABLE 12 Payments for certain services, etc by larger establishments, 1963 and 1968 (a)

Establishments employing 25 or more persons:
Analysis of returns received, United Kingdom

| | Amounts payable | |
|--|-----------------|--------------|
| | 1963 | 1968 |
| Repairs and maintenance to | £'000 | £'000 |
| Buildings | 606 | 919 |
| Road goods vehicles | 67 | 72 |
| Plant, machinery and other capital equipment | 1,364 | 2,366 |
| Insurance, licensing and depreciation of road goods vehicles (b) | 233 | 210 |
| Rates, excluding water rates | 1,178 | 1,481 |
| Hire of plant and machinery | 78 | 270 |
| Postage, telephone, telegrams, cables and telex (c) | 291 | 506 |
| Total | 3,816 | 5,823 |

(a) No deduction is made for these payments to arrive at the figures of net output given in this report.

(b) For details see Table 11.

(c) Excluding telex for 1963.

TABLE 13 Percentage analysis of twelve-month periods covered by returns from larger establishments, 1968

Establishments employing 25 or more persons:
Analysis of returns received, United Kingdom

| Year ended | Percentage of total returns received | Percentage of total number employed |
|------------|--------------------------------------|-------------------------------------|
| 1968 | Per cent. | Per cent. |
| April (a) | 1.6 | 2.1 |
| May | 1.6 | 1.1 |
| June | 1.6 | 1.5 |
| July | 1.6 | 1.3 |
| August | 0.3 | 0.1 |
| September | 5.1 | 5.5 |
| October | 3.2 | 2.6 |
| November | 5.1 | 2.9 |
| December | 23.3 | 22.0 |
| 1969 | | |
| January | 7.0 | 5.7 |
| February | 5.1 | 6.4 |
| March | 41.4 | 45.3 |
| April (b) | 3.1 | 3.5 |
| | 100 | 100 |

(a) From 6 April.

(b) To 5 April.