

89 Cutlery, spoons, forks and plated tableware, etc.

This Report on the Cutlery, Spoons, Forks and Plated Tableware, etc, Industry relates to establishments engaged wholly or mainly in manufacturing spoons and forks, table knives, pocket and sheath knives, pruning knives, razors (not electric), razor blades, scissors, manicure sets, etc. Tableware of precious metals (other than of gold or platinum) or plated with precious metals (eg silver plated on nickel silver), and electroplated and stainless steel tableware are included but surgical cutlery is excluded.

This industry corresponds to minimum list heading 392 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 industry corresponds to the Cutlery Industry (Part 69) in the Reports on the last detailed Census of Production for 1963, except that tableware of metals other than gold or platinum, finished spoons and forks and blanks therefor and knives, complete with blades, plated with precious metals, were shown in the Report on the Jewellery, Plate and Refining of Precious Metals Industry (Part 73).

Throughout this Report, the figures given for 1963 have been reclassified, as far as possible, according to the Standard Industrial Classification (Revised 1968) so that data for 1963 and 1968 are on the same industrial basis. However, the reclassification of small firms, which provided limited information only, has been arbitrary.

In interpreting the data in the tables 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. | 370 | 320 | |
| Number of establishments | " | 393 | 343 | |
| Gross output | £'000 | 41,804 | 58,538 | |
| Net output | " | 27,027 | 37,654 | |
| Net output per head | £ | 1,380 | 2,333 | |
| Sales and work done | goods produced and work done (c) | £'000 | 39,322 | 51,945 |
| | merchanted goods and canteen takings | " | 1,635 | 6,054 |
| Purchases | materials for use in production and packaging and fuel | " | 12,134 | 16,827 |
| | goods for merchandising and canteen purchases | " | 1,526 | 3,405 |
| Payments to other organisations | for work done on materials given out for transport | " | 557 | 729 |
| | by road | " | 154 | 189 |
| | by rail and other means excluding postal services | " | | |
| Stocks and work in progress | | | | |
| Total stocks and work in progress | change during year | " | + 442 | + 889 |
| | at end of year | " | 9,132 | 12,663 |
| Goods on hand for sale | change during year | " | + 196 | + 471 |
| | at end of year | " | 2,834 | 4,882 |
| Work in progress | change during year | " | + 652 | + 69 |
| | at end of year | " | 3,128 | 3,478 |
| Materials, stores and fuel | change during year | " | - 406 | + 349 |
| | at end of year | " | 3,170 | 4,303 |
| Number employed on average during the year | total, including working proprietors | Th. | 19.6 | 16.1 |
| | operatives | " | 15.3 | 12.4 |
| | other employees (d) | " | 3.8 | 3.5 |
| Wages and salaries | of operatives | £'000 | 8,455 | 9,267 |
| | of other employees (d) | " | 3,554 | 4,635 |
| Capital expenditure (e) | | | | |
| Total | " | 2,736 | 1,755 | |
| New building work | " | 967 | 450 | |
| Land and existing buildings (f) | " | - 11 | 2 | |
| Plant and machinery (f) | " | 1,677 | 1,140 | |
| Vehicles (f) | " | 103 | 163 | |

(a) For 1968, estimates for establishments not making satisfactory returns and for small establishments, from which only employment data were collected, accounted for 17 per cent. of the total figures in which they were incorporated: of this, unsatisfactory returns accounted for 8 per cent. For 1963 the comparable figures were 14 per cent. and 4 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 | 282 | 244 |
| Average number employed: | | |
| Working proprietors | 412 | 227 |
| Other persons employed | 1,972 | 2,134 |

Footnotes continued on page 89/2.

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 |
|---|------------------|------------------|--|--------------|------------|---------------------|
| | Number | Number | Number | £'000 | £'000 | £ |
| 1-5 | 53 | 52 | 161 | .. | .. | .. |
| 6-10 | 33 | 32 | 256 | .. | .. | .. |
| 11-24 | 65 | 64 | 1,079 | .. | .. | .. |
| 25-49 | 38 | 37 | 1,363 | 3,336 | 1,668 | 1,224 |
| 50-99 | 23 | 22 | 1,614 | 4,620 | 2,214 | 1,372 |
| 100-199 | 17 | 17 | 2,418 | 6,167 | 3,073 | 1,271 |
| 200-299 | 6 | 6 | 1,362 | 2,897 | 1,437 | 1,055 |
| 300-749 | 5 | 5 | 2,314 | 8,819 | 5,973 | 2,581 |
| 750 and over | 4 | 4 | 4,268 | 22,586 | 16,795 | 3,935 |
| Unsatisfactory returns | 99 | 98 | 1,308 | .. | .. | .. |
| Total | 343 | 320 | 16,143 | 58,538(c) | 37,654(c) | 2,333(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 | 1,082 | 245 | 725 | 247 | 670 | 1,008 |
| 50-99 | 1,319 | 275 | 957 | 331 | 726 | 1,203 |
| 100-199 | 1,996 | 416 | 1,280 | 492 | 641 | 1,183 |
| 200-299 | 1,164 | 188 | 828 | 171 | 711 | 910 |
| 300-749 | 1,725 | 584 | 1,467 | 687 | 851 | 1,176 |
| 750 and over | 3,051 | 1,217 | 2,501 | 1,969 | 820 | 1,618 |
| Unsatisfactory returns | .. | .. | .. | .. | .. | .. |
| Total | 12,356(c) | 3,480(c) | 9,267(c) | 4,635(c) | 750(c) | 1,332(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 | 3 | 3 | 6 |
| 18 and over | 50 | 44 | 94 |
| All ages | 53 | 47 | 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 8 establishments in 1968 and 6 in 1963.
- (b) The method of classifying returns to sub-divisions of the industry is explained in the notes; the characteristic products of each sub-division are identified in Table 5.
- (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 £82,000 in 1968. Similar information is not available for 1963.
- (f) Characteristic products relate only to 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) | | | | Total | | |
|--|-----------|--------------------------------------|--------|--|---------------------------|--------|--------|--------|--------|------|
| | | Razors (except electrical) and parts | | Knives (other than machine and surgical knives) and scissors (including tailors' shears) and parts | Remainder of the industry | | 1963 | 1968 | 1963 | 1968 |
| | | 01 | 02 | | 03 | 03 | | | | |
| | | 1963 | 1968 | 1963 | 1968 | 1963 | 1968 | 1963 | 1968 | |
| Number of enterprises (c) | No. | 4 | 4 | 36 | 28 | 50 | 53 | 88 | 83 | |
| Number of establishments | " | 5 | 5 | 39 | 30 | 64 | 66 | 108 | 101 | |
| Gross output | £'000 | 16,845 | 24,300 | 6,758 | 6,458 | 12,253 | 17,827 | 35,856 | 48,584 | |
| Net output | " | 12,765 | 19,089 | 3,545 | 3,202 | 6,871 | 8,960 | 23,181 | 31,251 | |
| Net output per head | £ | 2,349 | 5,069 | 771 | 989 | 1,016 | 1,401 | 1,380 | 2,333 | |
| Sales and work done | £'000 | 16,309 | 23,962 | 6,452 | 5,952 | 10,966 | 17,739 | 33,727 | 43,112 | |
| | " | 128 | | 213 | 483 | 1,061 | | 1,402 | 5,024 | |
| Sales of characteristic products | " | 15,157 | 20,634 | 5,009 | 4,773 | 8,423 | 12,111 | (f) | (f) | |
| Index of specialisation (g) | Per cent. | 93 | 93 | 78 | 80 | 77 | 81 | 93 | 93 | |
| Purchases | £'000 | 3,568 | 5,432 | 2,725 | 2,548 | 4,115 | 8,472 | 10,408 | 13,966 | |
| | " | 140 | | 163 | 344 | 1,006 | | 1,309 | 2,826 | |
| Payments to other organisations | " | 53 | 11 | 224 | 287 | 201 | 307 | 478 | 605 | |
| | " | 20 | 56 | 41 | 31 | 71 | 70 | 132 | 157 | |
| | " | | | | | | | | | 10 |
| Stocks and work in progress | | | | | | | | | | |
| Goods on hand for sale | " | + 159 | + 272 | + 35 | + 5 | - 27 | + 114 | + 168 | + 391 | |
| | " | 1,004 | 1,484 | 419 | 421 | 1,009 | 2,147 | 2,431 | 4,052 | |
| Work in progress | " | + 249 | + 66 | + 58 | + 17 | + 253 | - 26 | + 559 | + 57 | |
| | " | 700 | 570 | 402 | 340 | 1,581 | 1,977 | 2,683 | 2,887 | |
| Materials, stores and fuel | " | - 299 | + 299 | - 60 | - 38 | + 11 | + 29 | - 348 | + 289 | |
| | " | 1,340 | 1,809 | 547 | 399 | 832 | 1,363 | 2,719 | 3,571 | |
| Number employed on average during the year | No. | 5,435 | 3,766 | 4,599 | 3,237 | 6,761 | 6,395 | 16,795 | 13,398 | |
| | " | 3,658 | 2,524 | 4,126 | 2,837 | 5,584 | 5,021 | 13,368 | 10,382 | |
| | " | 1,777 | 1,240 | 444 | 379 | 1,132 | 1,320 | 3,353 | 2,939 | |
| Wages and salaries | £'000 | 2,782 | 2,602 | 1,757 | 1,505 | 2,863 | 3,685 | 7,402 | 7,791 | |
| | " | 1,809 | 2,049 | 378 | 443 | 926 | 1,422 | 3,113 | 3,914 | |
| Wages and salaries per head | £ | 761 | 1,031 | 426 | 530 | 513 | 734 | 554 | 750 | |
| | " | 1,018 | 1,652 | 851 | 1,169 | 818 | 1,078 | 928 | 1,332 | |
| Capital expenditure (i) | | | | | | | | | | |
| New building work | £'000 | 764 | * | 13 | 4 | 52 | * | 829 | 374 | |
| Land and existing buildings | " | - | - | 1 | 2(j) | 10 | - | 11 | 15 | |
| | " | - | - | 20 | | - | | 20 | 14 | |
| Plant and machinery | " | 1,160 | 570 | 76 | 79 | 240 | 344 | 1,477 | 992 | |
| | " | * | 14 | 9 | 2 | * | 29 | 39 | 46 | |
| Vehicles | " | 64 | 73(j) | 24 | 22 | 83 | 52(j) | 171 | 247 | |
| | " | 34 | | 12 | 12 | 37 | | 83 | 112 | |

For notes to this table - see page 89/5.

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

| Industry sub-division (a) | 1963 | | 1968 | | | | |
|---------------------------|---|-----------|-----------|-----------|--------------|----------|----|
| | Quantity | Value | Quantity | Value | Enter-prises | Entr-ies | |
| | Thousands | £'000 | Thousands | £'000 | Number | Number | |
| 03 | Knives (b) | | | | | | |
| 03 | Knives for use in machines (excluding guillotine and shear blades) | .. | 1,569 | .. | 1,668 | 19 | 20 |
| 02 | Knives, complete with blades, plated with precious metals (c) | 4,368 | 532 | 682 | 277 | 19 | 19 |
| | | .. | 115 | .. | 62 | | |
| 02 | Other knives, complete, with one or more blades made wholly or partly of steel or iron | | | | | | |
| | Knives with folding blades | 8,382 | 682 | 5,380 | 517 | 12 | 12 |
| | | | | .. | 154 | | |
| | Finished cutlery tools of trade | 512 | 128 | .. | 137 | 9 | 9 |
| | | .. | 107 | | | | |
| | Carvers, meat slicers, bread and other knives for use in the kitchen | | | 1,828 | 391 | 30 | 30 |
| | | | | .. | 152 | | |
| | Table (dinner), dessert and tea knives | 14,472 | 1,586 | 17,776 | 1,852 | 37 | 38 |
| | | .. | 1,591(d) | .. | 412 | | |
| | Other knives | | | 5,090 | 1,016 | 19 | 19 |
| | | | | .. | 409 | | |
| | Unclassified knives (excluding knives for use in machines) | | | .. | 946 | 10 | 10 |
| | Blades and blanks for blades, sold separately | 18,322 | 611 | 13,609 | 683 | 21 | 22 |
| | | .. | 126 | .. | 258 | | |
| | Other parts and blanks, sold separately | .. | 121 | .. | 116 | 7 | 7 |
| 02 | Scissors and tailors' shears (excluding surgical and veterinary cutlery) made wholly or partly of steel or iron | | | | | | |
| | Complete | | | | | | |
| | Scissors | 15,348 | 933 | 7,925 | 754 | 13 | 13 |
| | | | | .. | 188 | | |
| | Tailors' shears (including pinking shears) | 362 | 152 | 287 | 142 | 5 | 5 |
| 01 | Safety razors (other than electrically operated) | | | | | | |
| | Complete | 11,640 | 1,527 | 8,818 | 1,172 | * | 5 |
| | Component parts thereof, sold separately | | | | | | |
| | Blades of stainless steel | 1,991,534 | 13,546 | 1,283,127 | 16,625 | 5 | 5 |
| | Blades other than of stainless steel | | | 881,516 | 3,755 | * | * |
| | Other components (including blanks and handles) | .. | (e) | .. | 342 | 6 | 6 |
| 03 | Guillotine and shear blades | | | .. | 744 | 8 | 8 |
| 03 | Hair clippers (other than electrically operated) complete and other and unclassified cutlery wares | .. | 1,479 | .. | 331 | 11 | 11 |

TABLE 5 (continued)

| Industry sub-division (a) | 1963 | | 1968 | | | | |
|---------------------------|--|------------|----------|------------|--------------|----------|-------|
| | Quantity | Value | Quantity | Value | Enter-prises | Entr-ies | |
| | | £'000 | | £'000 | Number | Number | |
| 03 | Blanks and component parts (including handles and blades) for cutlery wares, not elsewhere specified | .. | 235 | .. | 111 | 12 | 12 |
| 03 | Finished spoons and forks, fish eaters, butter knives, ladles, etc suitable for domestic or personal use (b) (f) | | | | | | |
| | | Th.oz.troy | | Th.oz.troy | | | |
| | Of silver whether or not covered with other precious metals | 184 | 215 | 203 | 347 | 23 | 23 |
| | | .. | 283 | .. | 143 | | |
| | Of metals other than gold, platinum or silver, whether or not covered with precious metals | | | | | | |
| | | Thousands | | Thousands | | | |
| | Plated with precious metals (g) | 10,692 | 1,482 | 5,314 | 1,153 | 30 | 31 |
| | | .. | 374 | .. | 293 | | |
| | Plated with base metals | 18,648 | 635 | .. | 674 | 8 | 8 |
| | Wholly or partly of stainless steel (h) | 22,652 | 1,904 | 26,495 | 2,184 | 31 | 31 |
| | | | | .. | 337 | | |
| | Other | 17,824 | 648 | 3,032 | 136 | 7 | 7 |
| | | .. | 206 | | | | |
| 03 | Blanks for spoons and forks | 9,319 | 276 | 3,369 | 149 | 11 | 11 |
| | | .. | 389 | .. | 371 | | |
| 03 | Tableware (i) | | | Th.oz.troy | | | |
| | Of silver whether or not covered with other precious metals | .. | (e) | 360 | 762 | 19 | 19 |
| | | | | .. | 428 | | |
| | Of metals other than gold, platinum or silver, whether or not covered with precious metals | | | | | | |
| | Of silver plate on nickel silver | .. | 1,136 | .. | 2,305 | 25 | 25 |
| | Of stainless steel | .. | 515 | .. | 404 | 10 | 10 |
| | Of other metals | .. | | .. | 575 | 9 | 9 |
| | Other products | .. | 462 | .. | 125 | 7 | 7 |
| | Waste products | .. | 182 | .. | 529 | 39 | 39 |
| | Work done | .. | 109 | .. | 192 | 22 | 24 |
| | Total | | 33,857 | | 44,319 | .. | .. |
| | Sales in other industries (see Table 6) | | 2,640 | | 4,141 | .. | .. |
| | Principal products of this industry sold by establishments in the industry | | 31,216 | | 40,178 | 83 | 86(j) |

For notes to this table - see page 89/10.

Footnotes to Table 5.

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

(b) Including cutlery, spoons and forks sold in canteens, cases etc made by establishments in this industry which amounted to £791,000 in 1968 and, so far as separately recorded, £271,000 in 1963.

(c) Owing to the method of collection of information for 1963 the figures may include knives other than those plated with precious metals.

(d) For 1963 the following information was shown:-

| | Th.doz. | £'000 |
|--|--------------|--------------|
| Knives of stainless steel throughout (including stainless steel handles) | 370 | 644 |
| Kitchen knives | 269 | 334 |
| Table, dessert, tea and carving knives (excluding carvers sold with forks or forks and steels) | { 937 .. | 1,252 244 |
| Other and unclassified knives (including knives plated with metals other than silver) | .. | 485 |
| Carving knives and forks with or without steels, sold as complete sets | { 18.6 .. | 200 17 |

(e) Not recorded separately for 1963.

(f) For 1963 described as 'Spoons and forks only'.

(g) For 1963 described as 'Plated with silver'.

(h) For 1963 described as 'Stainless steel only'.

(i) For 1963 described as 'Table hollow-ware'.

(j) 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 | | |
|---|-------|-------|---------|--|
| | Value | Value | Entries | Principal industries in which produced (a) |
| | £'000 | £'000 | Number | |
| Knives | | | | |
| Knives for use in machines (excluding guillotine and shear blades) | 320 | 249 | 10 | 44,87,88 |
| Other knives (including knives plated with precious metals and knife blades and blanks for blades, sold separately) | 1,385 | 1,796 | 15 | 69,87,88,97 |
| Scissors, safety razors (other than electrically operated) complete and component parts thereof, sold separately, guillotine and shear blades, hair clippers (other than electrically operated) | 279 | 1,618 | 13 | 31,63,82,90 |
| Blanks and component parts (including handles and blades) for cutlers' wares not elsewhere specified, other cutlers' wares | | 104 | * | 88 |
| Finished spoons and forks, fish eaters, butter knives, ladles, etc suitable for domestic or personal use | | | | |
| Of silver whether or not covered with other precious metals | | | | |
| Of metals other than gold, platinum or silver, whether or not covered with precious metals | | | | |
| Wholly or partly of stainless steel | | | | |
| Plated with base metals | | | | |
| Other | | | | |
| Blanks for spoons and forks | 657 | 374 | 12 | 48,84,93,97 |
| Tableware | | | | |
| Of silver whether or not covered with other precious metals | | | | |
| Of metals other than gold, platinum or silver, whether or not covered with precious metals | | | | |
| Of silver plate on nickel silver | | | | |
| Of stainless steel | | | | |
| Of other metals | | | | |
| Total | 2,640 | 4,141 | .. | |

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

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

| | 1963 | 1968 |
|---|--------------|--------------|
| | Value | Value |
| | £'000 | £'000 |
| Goldsmiths' and silversmiths' wares | 430 | 288 |
| Engineers' small tools | 1,327 | 147 |
| Hand tools and implements | | 1,801 |
| Small cases of all kinds (eg beauty and manicure cases and cases for cutlery and surgical instruments and the like) | 172 | 112 |
| Other products | 546 | 548 |
| Services rendered to other organisations (a) | 36 | 39 |
| Total value of goods sold without having been subjected to any manufacturing process (merchanted or factored) | 1,279 | 4,915 |
| Canteen takings | 123 | 109 |
| Total | 3,913 | 7,958 |

(a) 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 larger establishments, 1963 and 1968

This table is not applicable to this industry.

TABLE 9 Purchases by larger establishments of selected principal products of the industry, 1968

This table is not applicable to this industry.

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 |
| | Th.tons | £'000 | Th.tons | £'000 |
| Materials for use in production | | | | |
| Steel | | | | |
| Bars and rods (including wire rods), angles, shapes and sections, girders, beams, joists and pillars rolled (not fabricated), including tube rounds and squares | 3.3 | 608 | .. | 647 |
| Plates, 3 mm. thick and over | 0.2 | 39 | .. | 41 |
| Sheets under 3 mm. thick (including electrical sheets) | 0.6 | 143 | .. | 568 |
| Hoop and strip (including tape of all thicknesses) | 2.7 | 835 | 4.9 | 2,251 |
| Iron and steel not elsewhere specified except finished parts, wire and scrap | 0.6 | 89 | 0.5 | 46 |
| | .. | 501 | .. | 139 |
| Brass and other copper alloys (including nickel silver and cupro-nickel, but excluding all other nickel alloys and cadmium copper) in all forms except finished parts, wire and scrap (a) | 1.7 | 548 | 1.4 | 722 |
| | | | .. | 156 |
| Silver | | | | |
| Refined in bars, grain, etc | .. | 122(b) | .. | 342 |
| Fine silver sheet, wire and other semi-processed forms | .. | 355(b) | .. | 576 |
| Alloys in sheet, wire, tube, strip and other semi-processed forms | .. | 132(b) | .. | 269 |
| Blanks for knives | .. | 735 | .. | 515 |
| Blanks for spoons and forks | .. | 578 | .. | 723 |
| Blanks for scissors | .. | 170 | .. | 119 |
| Plastic goods moulded and fabricated (including components and fittings) | .. | 428 | .. | 174 |
| Component parts for not elsewhere specified | .. | 382 | .. | 668 |
| Lined cases or cabinets for cutlery canteens, cutlery, razors, etc | .. | 235 | .. | 202 |
| | Th.gal. | | Th.gal. | |
| | | | 44.0 | 17 |
| Lubricating oils and greases (including cutting oils and emulsions) | 121 | 31 | Th.cwt. | |
| | .. | 10 | 0.3 | 2 |
| | | | .. | 4 |
| Replacement parts for firms' own machinery, plant and vehicles, and accessories and consumable tools bought as replacement | | | | |
| Tyres and other spare parts for firms' own road goods vehicles | .. | 492 | .. | 6 |
| Other | .. | | .. | 547 |
| All other materials for use in production | .. | 1,951 | .. | 2,653 |
| Packaging materials | | | | |
| Paper and board | | | | |
| Boxes, cartons, drums and canisters (with or without metal ends) of paper and cardboard | .. | 601 | .. | 1,385 |
| Fibreboard packing cases | .. | | .. | 20 |

Continued on next page.

TABLE 10 (continued)

| | 1963 | | 1968 | |
|---|-----------|--------|-----------|--------|
| | Quantity | Cost | Quantity | Cost |
| | | £'000 | | £'000 |
| Packaging materials (continued) | | | | |
| Paper and board (continued) | | | | |
| Wrapping and packing paper (including paper coated with plastics and any laminates incorporating paper but not metal) (c) | .. | 721 | .. | 250 |
| All other packaging materials | .. | 48 | .. | 98 |
| Fuel and electricity (d) | Th.tons | | Th.tons | |
| Coal | 3.9 | 23 | 1.0 | 6 |
| | | | .. | 4 |
| Coke (including screenings) and manufactured fuel | 1.5 | 14 | 0.4 | 6 |
| | .. | 7 | .. | 2 |
| | Th.gal. | | Th.gal. | |
| Derv fuel and motor spirit for use in road vehicles | 102 | 24 | 205 | 62 |
| | .. | 5 | .. | 16 |
| Other liquid fuels (including creosote/pitch mixtures etc and liquefied petroleum gases) | 683 | 31 | 1,182 | 49 |
| | .. | 4 | .. | 29 |
| | Th.therms | | Th.therms | |
| Gas | 1,875 | 135 | 503 | 42 |
| | .. | 44 | .. | 128 |
| | Th.kWh | | Th.kWh | |
| Electricity | 46,249 | 309 | 17,048 | 142 |
| | .. | 58 | .. | 322 |
| All other fuels | .. | (e) | .. | 18 |
| Total cost of materials and fuel | | 10,408 | | 13,966 |
| Goods purchased for merchanting | | 1,174 | | 2,697 |
| Canteen purchases | | 135 | | 129 |
| Total cost of purchases | | 11,717 | | 16,792 |

(a) For 1963 cadmium copper was not specifically excluded.

(b) So far as separately recorded for 1963.

(c) For 1963 included moulded pulp units, labels and other packaging materials of paper, cardboard and fibreboard (except multiwall sacks).

(d) There were no entries recorded for electricity generated in firms' own establishments in this industry in 1963 and 1968.

(e) Not recorded separately for 1963.

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. | 68 | 45 |
| Transport costs | | | |
| Wages and salaries | £'000 | 52 | 38 |
| Derv fuel and motor spirit | " | 29 | 77 |
| Tyres and other spare parts for road goods vehicles | " | .. | 6 |
| Payments to other organisations for transport | " | 132 | 157 |
| | | | 68 |
| Costs of operating road goods vehicles | | | |
| Insurance | " | 6 | 8 |
| Vehicle licences | " | 3 | 5 |
| Depreciation | " | 53 | 24 |
| Payments to other organisations for repairs and maintenance | " | 14 | 15 |
| Total | " | 289(a) | 397 |

(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 | 53 | 89 |
| Road goods vehicles | 14 | 15 |
| Plant, machinery and other capital equipment | 169 | 220 |
| Insurance, licensing and depreciation of road goods vehicles (b) | 63 | 37 |
| Rates, excluding water rates | 200 | 301 |
| Hire of plant and machinery | 39 | 17 |
| Postage, telephone, telegrams, cables and telex (c) | 194 | 246 |
| Total | 731 | 926 |

(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) | 3.5 | 1.4 |
| May | 3.5 | 1.5 |
| June | 1.2 | 0.2 |
| July | 1.2 | 0.2 |
| August | 3.5 | 1.1 |
| September | 3.5 | 1.6 |
| October | 2.3 | 3.3 |
| November | 1.2 | 14.7 |
| December | 65.0 | 64.3 |
| 1969 | | |
| January | 2.3 | 1.2 |
| February | 0.0 | 0.0 |
| March | 10.5 | 9.9 |
| April (b) | 2.3 | 0.6 |
| | 100 | 100 |

(a) From 6 April.

(b) To 5 April.