This Report on the Rubber Industry relates to establishments engaged wholly or mainly in manufacturing and re-treading solid and pneumatic tyres of all types and inner tubes; rubber sheeting, soles and hee ls, sponge. rubber, rubber tubing and hose, cellular rubber, rubber gloves, bathing caps, underwater equipment, inflatable goods, toys, uncovered balls, matting, flooring and tiling, component
and accessories not elsewhere specified. The manufacture of plastics belting plastics hose and synthetic rubber products and the backing of carpets with rubber or plastics materials on commission are also included but the manufacture of synthetic rubber, rubber footwear and moulded parts of footwear, weatherproof outerwear, covered rubber mattresses and pillows, rubber adhesives and covered rubber thread are all excluded.

This industry corresponds to minimum list heading 491 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 Rubber Industry (Part 119) in the Reports on the last detailed Census of Production for 1963 except that heavy overalls and industrial aprons of rubber or plastics are now included in the Overalls and Men's Shirts, Underwear, Etc Industry (Part 119), covered mattresses, pillows, etc of
rubber in the Bedd ing and Soft Furnishings Industry (Part 133), formulated rubber adhesives in the Formulated Adhesives, Ge latine, Etc Industry (Part 38), and rubber footwear, etc in the Footwear Industry (Part 124). In addition plastics belting and plast ics hose, etc previously shown in the Plastics Moulding and Fabricating Industry Report (Part 124) and the work of backing carpets with rubber or plast ic of the Carpets Industry (Part 83), in the 1963 Reports, are now both included in this industry.

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 re arbitrary.

TREATMENT OF FABRICS BACKED WITH PLASTIC FOAM AND FABRIC TO FABRIC BONDED MATERIALS

Fabric backed with plastic foam and fabric to fabric bonded materials are shown as principal products of the same industry as the main fabric rather than that of the material used for the backing, bonding or lining. Thus where the main fabric is cotton, linen and man-made fibres, wool len or worsted, or knitted fabric the sales are shown in the Table 5 of the reports on the Weaving of Cotton, Linen and Man made fibres (Part 100), Woollen and Worsted (Part 101) and Hosiery and 0ther foam and fabric to fabric bonded materials, reported in the census together with those reported by textile converters in a separate inquiry, are brought together in a supplement to Table 5 in the report on the Weaving of Cotton, Linen and Manmade Fibres Industry (Part 100).
Sales of fabric backed with plastic foam and fabric to fabric bonded materials were not taken into account in classifying returns to the three textile industries which they are shown. Where fabrics were foam backed or bot returns rep
(Part 110).

METHOD OF CLASSIFICATION
The classification of returns to this industry followed the standard procedure except for the special treatment of fabric backed with plastic foam and fabric to fabric bonded materials referred to above. The classification of returns to subdivisions of the industry followed the standard procedure.

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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Footnotes continued from page 144/3.
(c) Including services rendered to other organisations (anounts charged for hiring out plant machinery or other goods, for providing transport, or for technical or other services rendered).
(d) Administrative, technical and clerical enployees.
(e) Excluding expenditure for establishments not yet in production
(f) Accuisitions less disposals.

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

|  | Unit | All 1 establi shments |  |
| :---: | :---: | :---: | :---: |
|  |  | 1963 | 1968 |
| Number of enterprises | No. | 404 | 383 |
| Number of establishments | " | 534 | 548 |
| Gross output | £ 000 | 368,348 | 521,997 |
| Net output | " | 167,749 | 258,584 |
| Net output per head | £ | 1,432 | 2,089 |
|  | £.000 | 343,308 | 465,329 |
| Sales and work done $\quad\left\{\begin{array}{l}\text { derchanted goods and canteen takings } \\ \text { mercher }\end{array}\right.$ | " | 25,160 | 52,327 |
| $\begin{aligned} & \text { materials for use in production and } \\ & \text { packaging and fuel } \end{aligned}$ | " | 172,631 | 211,201 |
| Purchases $\quad\left\{\begin{array}{l}\text { goods for merchanting and canteen } \\ \text { purchases }\end{array}\right.$ | " | 20,861 | 44,875 |
| [ for work done on materials given out | " | 1,753 | 2,336 |
| Peypents to other for transport | " |  |  |
| Payments to other arganisations $\quad\left\{\begin{array}{l}\text { by road } \\ \text { by rail and other means excluding } \\ \text { postal services }\end{array}\right.$ | " | 5,012 | 7,022 1,276 |
| Stocks and work in progress $\quad$ change during year | " | - 461 | + 7,638 |
| Total stocks and work in progress $\quad\left\{\begin{array}{l}\text { change during year } \\ \text { at end of year }\end{array}\right.$ | " | -62,882 | 89,380 |
| Goods on hand for sale e $\quad\left\{\begin{array}{l}\text { change during year } \\ \text { at end of year }\end{array}\right.$ | " | 619 $-\quad 33,766$ | $\begin{array}{r} 3,112 \\ +\quad 49,057 \end{array}$ |
| change during year | " | + 500 | + 1,229 |
| Hork in progress $\quad\left\{\begin{array}{l}\text { at end of year }\end{array}\right.$ | " | 9,309 | 13,635 |
| (change during year | " | - 342 | + 3,297 |
| Materials, stores and fuel $\left\{\begin{array}{l}\text { at end of year }\end{array}\right.$ | " | 19,806 | 26,687 |
| [total, including working proprietors | Th. | 117.1 | 123.8 |
| Number employed on average $\{$ operatives | " | 87.7 | 90.2 |
| during the year $\quad$ other employees (d) | " | 29.1 | 33.3 |
| * of operatives | £ 000 | 62,564 | 92,514 |
| Wages and sal aries $\quad\left\{\begin{array}{l}\text { of other employees (d) }\end{array}\right.$ | " | 27,085 | 41,544 |
| Capital expenditure (e) |  |  |  |
| Total | " | 15,794 | 37,236 |
| New building work | * | 1,913 | 5,736 |
| Land and existing buildings (f) | " | 63 | - $\quad 472$ |
| Plant and machinery ( $f$ ) | " | 13,020 | 30,733 |
| Vehicles (f) | " | 797 | 1,238 |

(a) For 1968, estimates for establishments not making satisfactory returns and for small establ ishment s, For 1968, estimates for establishments not making satisfactory returns and of the total figures in
from which only employment data were collected, acounted for 3 per cent. of the the
they were incorporated: of this, unsatisfactory returns accounted for 1 per cent. For 1963 the they were incorporated: of this, unsat isfactory returns accounted
comparable figures were 2 per cent. and 1 per cent. respectively.
comparable figures were 2 per cent, and 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.

| Number of establishments | 226 | 242 |
| :---: | :---: | :---: |
| Average number employed: |  |  |
| Working proprietors |  | 203 |
| Other persons employed |  | 2,31 |

Footnotes continued on page 144/2.

TABLE 2 Analysis by size of establishment within the industry, 1968 (i) Output and employment

| Number employed on average during the establishment (a) | $\begin{gathered} \text { Estab- } \\ \text { Iish- } \\ \text { ments } \end{gathered}$ | $\begin{aligned} & \text { Enter- } \\ & \text { prises(b) } \end{aligned}$ | Total number employed on average dur ing the year (a) | Gross output | Net Nutput | Net output per head |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Number | Number | £'000 | £'000 | £ |
| 1-5 | 59 | 59 | 201 | .. |  |  |
| 6-10 | 57 | 55 | 460 |  |  |  |
| 11-24 | 89 | 82 | 1,590 | . | $\ldots$ | . |
| 25-49 | 49 | 44 | 1,797 | 6,537 | 3,443 | 1,916 |
| 50-99 | 60 | 51 | 4,150 | 17,142 | 9,231 | $2,224$ |
| 100-199 | 55 | 45 | 7,968 | 33,557 | 17,578 | 2,206 |
| 200-299 | 37 | 30 | 8,857 | 29,145 | 14,525 | 1,640 |
| 300-399 | 17 | 12 | 5,789 | 20,721 | 9,713 | 1,678 |
| 400-499 | 18 | 17 | 7,998 | 25,578 | 14,523 | 1,816 |
| 500-749 | 12 | 11 | 7,013 | 21,731 | 12,524 | 1,786 |
| 750-999 | 13 | 11 | 11,369 | 50,153 | 26,428 | 2,325 |
| 1,000-1,499 | 11 | 10 | 13,083 | 42,802 | 22,299 | 1,704 |
| 1,500-1,999 | 3 | 3 | 5,354 | 20,676 | 10,018 | 1,871 |
| 2,000-2,499 | 4 | 3 | 8,879 | 37,788 | 17,307 | 1,949 |
| 3,000 and over | 7 | 6 | 37,747 | 200,277 | 93,121 | 2,467 |
| Unsatisfactory returns | 57 | 56 | 1,524 | , | , | .. |
| Total | 548 | 383 | 123,779 | 521,997(c) | 258,584 (c) | 2,089(c) |

(ii) Employees, wages and salaries

All establishments: United Kingdom

| Number employed on average during the establishment (a) | Employees |  | Wages and salaries |  | Wages and salaries per head |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Oper- atives | Others (d) | Oper- atives | Others (d) | Oper atives | $0 \text { thers }$ (d) |
|  | Number | Number | £'000 | £'000 | £ | £ |
| 1-5 | . | . | . | .. | .. |  |
| 6-10 | . | .. |  | .. | .. |  |
| 11-24 | .. |  | .. |  | .. | .. |
| 25-49 | 1,417 | 356 | 1,179 | 465 | 832 | 1,306 |
| 50-99 | 3,320 | 809 | 2,906 | 1,081 | 875 | 1,336 |
| 100-199 | 6,139 | 1,826 | 5,459 | 2,463 | 889 | 1,349 |
| 200-299 | 6,811 | 2,044 | 5,901 | 2,379 | 866 | 1,164 |
| 300-399 | 4,260 | 1,529 | 3,986 | 1,788 | 936 | 1,170 |
| 400-499 | 6,016 | 1,978 | 5,286 | 2,273 | 879 | 1,149 |
| 500-749 | 5,180 | 1,828 | 5,256 | 2,090 | 1,015 | 1,143 |
| 750-999 | 8,398 | 2,971 | 9,222 | 3,573 | 1,098 | 1,202 |
| 1,000-1,499 | 10,098 | 2,985 | 9,359 | 3,557 | 927 | 1,192 |
| 1,500-1,999 | 3,322 | 2,032 | 3,360 | 2,472 | 1,011 | 1,217 |
| 2,000-2,499 | 6,929 | 1,950 | 6,399 | 2,930 | 923 | 1,503 |
| 3,000 and over | 25,733 | 12,014 | 31,533 | 15,272 | 1,225 | 1,271 |
| Unsatisfactory returns | .. | .. | .. | .. | .. | . |
| Total | 90,230(c) | 33,285(c) | 92,514(c) | 41,544(c) | 1,025(c) | 1,248(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 the extent
size group.
(c) Including estimates for establishments employing fewer than 25 persons and for (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 |
| Under 18 <br> 18 and over | Per cent. | Per cent. | Per cent. |
|  | 1 | 1 | 2 |
|  | 73 | 25 | 98 |
|  | 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
Standard Industrial Classification, (Revised 1968)

Footnotes to Table 4.
(a) Some establ ishments employing fewer than 25 persons were included in returns for larger establ ishments. Thes
amounted to 5 establishments in 1968 and 10 in 1963 .
(b) The method of classifying returns to sub-divisions of the b) The method of classinging ree notes s. the characteristic
industry is explained in the
products of each sub-division are identified in Table 5 .
(c) The sum of the figures for the sub-divisions exceeds the The sum of the figures for the sub-divis
total for the industry to the extent that
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 for provid
rende red).
(e) Direct sales of goods (excluding canteen takings) made to,
and work done for, the general public by larger establish-
 ments are included. is inse amounted to
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 character prene. 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 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | New tyres and tubes 11 |  | Retreaded tyres $\qquad$ <br> 12 |  | Hose and tubing ncluding fitments) and belting |  | Remainder of the industry$21,23$ |  |  |  |
|  |  | 1963 | 1968 | 1963 | 1968 | 1963 | 1968 | 1963 | 1968 | 1963 | 1968 |
| Number of enterprises (c) | No. | 9 | 9 | 14 | 16 | 22 | 15 | 145 | 133 | 179 | 157 |
| Number of establishments | ${ }^{\prime}$ | 22 | 21 | 24 | 30 | 36 | 27 | 223 | 213 | 305 | 291 |
| Gross output | £'000 | 172,076 | 255,488 | 10,586 | 20,719 | 39,181 | 46,278 | 138,237 | 183,900 | 360,080 | 506,385 |
| Net output | " | 74,773 | 116,940 | 5,286 | 12,146 | 16,790 | 23,505 | 67,135 | 98,258 | 163,984 | 250,850 |
| Net output per head | £ | 1,738 | 2,425 | 1,542 | 2,513 | 1,384 | 1,848 | 1,201 | 1,809 | 1,432 | 2,089 |
| Sales and work done $\left\{\begin{array}{l}\text { goods produced and work done (d)(e) } \\ \text { merchanted goods and canteen takings }\end{array}\right.$ | £ 000 <br>  <br>  <br> 1 | $\begin{array}{r} 158,781 \\ 13,691 \end{array}$ | 215,112 38,512 | $\begin{aligned} & 8,837 \\ & 1,625 \end{aligned}$ | 18,692 1,857 | 36,427 | 43,810 | 131,557 6,525 | 173,798 8,431 | 335,602 24,595 | 451,412 50,762 |
| Sales of characteristic products | " | 13,691 126,201 | 38,512 184,749 | 1,625 8,432 | 1,857 16,745 | 2,754 29,902 | 1,962 35,620 | 6,525 (f) | 8,431 (f) | 24,595 (f) | (f) |
| Index of specialisation ( g ) | $\begin{gathered} \mathrm{Per} \\ \text { cent. } \end{gathered}$ | 79 | 86 | 95 | 90 | 82 | 81 |  |  | 92 | 93 |
| Purchases $\quad\left\{\begin{array}{l}\text { materials for use in production and } \\ \text { packaging, and fuel }\end{array}\right.$ | £’000 | 82,077 | 101,378 | 3,769 | 6,891 | 19,729 | 20,983 | 63,180 | 75,633 | 168,756 | 204,884 |
| $\left\{\begin{array}{l} \text { goods for merchanting and canteen } \\ \text { purchases } \end{array}\right.$ | . | 10,915 | 33,815 | 1,381 | 1,393 | 2,333 | 1,664 | 5,765 | 6,661 | 20,393 | 43,533 |
| (for work done on materials given out | " | 992 | 253 | 46 | 7 | 35 | 176 | 640 | 1,830 | 1,714 | 2,266 |
| Payments to other organisations $\quad\left\{\begin{array}{l}\text { for transport } \\ \text { by road } \\ \text { by rail and other means excluding } \\ \text { postal services }\end{array}\right.$ |  | 2,861 | $\begin{array}{r} 3,744 \\ 647 \end{array}$ | $49$ | 272 44 | 392 | 353 150 | \} 1,597 | 2,443 397 | \} 4,900 | 6,812 1,238 |
| Stocks and work in progress |  |  |  |  |  |  |  |  |  |  |  |
| Goods on hand for sale $\left\{\begin{array}{l}\text { change dur ing year } \\ \text { at end of year }\end{array}\right.$ | " | $\begin{array}{r} -\quad 531 \\ 24,241 \end{array}$ | $\begin{array}{r} 1,796 \\ 33,530 \end{array}$ | $\begin{array}{r} \\ +\quad 103 \\ \\ \hline\end{array}$ | $\begin{array}{r} 165 \\ 1,342 \end{array}$ | - 223 | 10 $-\quad 10$ 3,513 | $+\quad 45$ 5,943 | $+1,068$ 9,205 | $\begin{array}{r} -\quad 605 \\ 33,008 \end{array}$ | $\begin{array}{r} 3,019 \\ 47,590 \end{array}$ |
| Work in progress $\quad\left\{\begin{array}{l}\text { change during year } \\ \text { at end of year }\end{array}\right.$ | ${ }^{\prime \prime}$ | 24,241 $+\quad 135$ 3,114 | 3,53 $+\quad 69$ 3,892 | $\begin{array}{r}79 \\ +\quad 21 \\ \hline\end{array}$ | $\begin{array}{r}1,342 \\ +\quad 5 \\ \hline \quad 230 \\ \hline\end{array}$ | 2,075 $+\quad 224$ 1,593 | 3,513 $+\quad 515$ 2,762 | 5,943 $+\quad 110$ 4,300 | 9,205 $+\quad 603$ 6,343 | 33,088 $+\quad 489$ 9,100 | 1,7192 $+\quad 13,227$ |
| Materials, stores $\quad\left\{\begin{array}{l}\text { change during year }\end{array}\right.$ | " | [ 458 | $\begin{array}{r}\text { + } \\ +\quad 1,288 \\ \hline 11,782\end{array}$ | - 55 | $\begin{array}{r} \\ +\quad 35 \\ \hline 639\end{array}$ | 1,593 $+\quad 99$ | $\begin{array}{r}2,762 \\ +\quad 554 \\ \hline\end{array}$ | $\begin{array}{r}4,30 \\ +\quad 80 \\ \hline\end{array}$ | 6, $+1,321$ 10,687 | 9 $-\quad 334$ 19,362 | $\begin{array}{r}\text { + } \\ + \\ \hline\end{array}$ |
| and fuel <br> Lat end of year | " | 8,892 | 11,782 | 417 | 639 | 2,145 | 2,780 | 7,908 | 10,687 | 19,362 | 25,889 |
| Number employed $\quad$ total, including working proprietors | No. | 43,032 | 48,216 | 3,427 | 4,834 | 12,128 | 12,720 | 55,909 | 54,307 | 114,496 | 120,077 |
| Number employed on average during the year $\quad\left\{\begin{array}{l}\text { operatives }\end{array}\right.$ | " | 31,138 | 33, 156 | 2,289 | 3,785 | 8,839 | 9,291 | 43,729 | 41,442 | 85,995 | 87,674 |
| during the year other employees ( h ) | " | 11,894 | 15,059 | 1,133 | 1,045 | 3,287 | 3,425 | 12,168 | 12,814 | 28,482 | 32,343 |
| Wages and $\quad$ of operatives | £'000 | 26,117 | 40,353 | 1,641 | 3,963 | 5,978 | 8,871 | 27,594 | 36,706 | 61,330 | 89,893 |
| $\begin{array}{ll}\text { salaries } & \text { Wages and } \\ \begin{array}{l}\text { salaries } \\ \text { per head }\end{array} & \left\{\begin{array}{l}\text { of other emploratives }\end{array}\right. \\ \text { other employe }\end{array}$ | " | 11,626 | 19,160 | 883 | 1,159 | 2,918 | 3,998 | 11,110 | 16,051 | 26,537 | 40,368 |
|  | £ | 839 | 1,217 | 717 | 1,047 | 676 | 955 | 631 | 886 | 713 | 1,025 |
|  | " | 977 | 1,272 | 779 | 1,109 | 888 | 1,167 | 913 | 1,253 | 932 | 1,248 |
| Capital expenditure (i) |  |  |  |  |  |  |  |  |  |  |  |
| New building work | £'000 | 840 | 4,021 | 46 | 168 | 173 | 300 | 811 | 1,076 | 1,870 | 5,565 |
| Land and acquisitions | " | 117 |  | 76 | 78 | 71 |  | 158 | 543 | 423 | 802 |
| existing buildings $\quad\left\{\begin{array}{l}\text { disposals }\end{array}\right.$ | " | 24 | ${ }_{(125}^{125}$ | 7 | - | 8 |  | 321 | 1,209 | 361 | 1,260 |
| Plant and $\quad$ acquisitions | " | 7,199 | 19,275 | 216 | 749 | 890 | 4,212 | 4,665 | 6,270 | 12,969 | 30,507 |
| machinery $\quad$ disposals | " | 39 | 205 | 4 | 17 | 32 | 79 | 167 | 392 | 241 | 693 |
| hicles $\quad$ acquisitions | " | 504 | 780 | 74 | 173 | 103 | 135 | 490 | 755 | 1,171 | 1,843 |
| hicles $\quad$ disposals | " | 146 | 196 | 27 | 32 | 48 | 69 | 171 | 344 | 392 | 642 |

TABLE 5 Sales of principal products of the industry by larger establishments, including Sales of principal products of the industry by larger estabishments,
sales by establishments classified to other industries, 1963 and 1968
Establishments employing 25 or more persons: Analysis of returns received, United Kingdom


ABLE 5 (cont inued)


TABLE 5 (continued)


TABLE 5 (continued)

| Rubber fabricated materials and rubber |
| :--- | :--- |

Rubber fabricated materials and rubber
manufactured art ic les (excl uding foot
wear) (continued)
ear)(continued)
Tyres and tubes, new (continued) Tubes

$$
\mathrm{Car}
$$

Commercial vehicle
Tractor, earthmover and land
road Bicycle
Motor cycle and scooter
Other (including aero)
Total tyres and tubes other
than retreaded tyres
Tyres, retreaded (othe $r$ than those on commission)
Car
Commercial vehicle
other
Tyre repair materials and kits
Rubber components and accessor ies
for use in road vehicles, not elsefor use in road
where specif ied
Rubber components and accessories for use in vehicles other than road
vehicles (including aircraft, locomotives, carriages and wagons and ships)
Rubber valves, washers, rings, etc, and other components and
not elsewhere spec if $i$ ed
Roller coverings
Waste rubber
Ground
0ther
Goods wholly or mainly of plastic
Conveyor, elevator and transmission Conveyor
belting
Hose and
Hose and fitments
Parts of boots and shoes (d) Rubber soles, full and half soles Rubber heels and heel tips
21,23 Rubber soling and heeling sheet (d) Other products (including meteoro-
logical balloons, mainly of rubber) Waste products (other than waste
rubber)


Cont inued on next page

TABLE 5 (continued)

|  |  | 1963 |  | 1968 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Quantity | Value | Quantity | Value | Enterprises | Entrie, |
| 12 | Work done <br> Retreading tyres <br> Car tyres <br> Commercial vehicle tyres 0 the r | Thousands | £'000 | Thous ands | £'000 | Number | Number |
|  |  |  |  |  |  |  |  |
|  |  | 904 | 2,071 | 811 | 1,438 | 5 | 5 |
|  |  | 86.0 | 619 | 122 | 819 | 5 | 5 |
|  |  | 23.0 | 382 | 58.0 | 528 | * | * |
| 21,23 | Coating of metal with rubber or plastics (including dip coating of pipes, wires, etc) |  | 1,849 (b) |  | 2,816 | 21 | 22 |
| 21,23 | Compounding of rubber | .. | 65 | .. | 75 | 5 | 6 |
| 21,23 | Proofing or coating cloth with rubber or plastics materials |  | 866 |  | 1,389 | 13 | 14 |
| 21,23 | Backing carpets with rubber or plastic underlay <br> 0ther work done |  | 1,515 |  | 4,803 | 24 | 24 |
|  | Total |  | 319,313 |  | 433,663 | .. | .. |
|  | Sales in other industries (see Table 6) |  | 10,285 |  | 12,854 | .. | .. |
|  | Principal products of this industry sold by establishments in the industry |  | 309,029 |  | 420,809 | 157 | 232(e) |

(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 classif ied to the subshown are
divis ion.
(b) Revised figures.
(c) Not recorded separately for 1963.
(d) Including moulded rubber bottoms (soles and heels) which were not distinguished separately for 1963 For 19688 total sales of moulded rub
on the Footwear industry (Part 124).
(e) 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 is less than the total numbe
more than one establishment.

TABLE 6 Sales of principal products of the industry by larger establishments classif ied to other industries, 1963 and 1968
Establishments employing 25 or more persons:
Analysis of returns received, United Kingdom


[^0](b) For 1963, included in '0ther rubber products'.

TABLE 7 Sales of other than principal products by larger establishments in the industry, 1963 and 1968
Establishments employing 25 or more persons:
Analys is of returns received, United Kingdom

|  | 1963 | 1968 |
| :---: | :---: | :---: |
|  | Value | Value |
|  | £'000 | £'000 |
| Chemical manufactures and adhesives | 2,785 | 1,420 |
| Plastics materials | 1,279 | 644 |
| Machinery, parts and accessories and other engineering products other than of rubber and synthetic rubber | 1,239 | 3,255 |
| Proofed and other garments |  | 179 |
| Boots, shoes and slippers | 3,600 | 4,627 |
| Plastic foam products | 3,055 | 4,642 |
| Other plastic manufactures | 4,239 | 4,959 |
| Other products | 7,454 | 8,664 |
| Work done |  |  |
| Backing textile piece goods with plastic foam (including combining and laminating and fabric to fabric bond ing ) | 519 | 273 |
| Services rendered to other organisations (a) | 2,403 | 1,941 |
| Total value of goods sold without having been subjected to any manufacturing process (merchanted or factored) | 23,651 | 49,594 |
| Canteen takings | 943 | 1,168 |
| Total | 51,167 | 81,365 |

(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

TABLE 10
Purchases by larger establishments in the industry, 1963 and 1968 Establishments employing 25 or more persons: Analysis of returns received, United Kingdom


TABLE 10 (cont inued)


TABLE 10 (cont inued)

## packaging materials

Paper and board
Boxes, cartons, drums and canisters (with or without
metal ends) of paper and cardboard Fibreboard packing cases
Bags and multiwall paper sacks ( h )
Wrapping and packing paper (including paper coated
with plastics and any laminates incorporating paper but not metal)
Other packaging materials of paper and paperboard
(including moulded pulp units and labels, but exneluding moulded pulp units and labels, but ex-
Cluding paper and board for converting into pack-
cluding paper and bo
aging materials) (i)
Transparent regenerated cellulose film in sheets or
rolls $(\mathrm{j})$
Plastics (k)
Film (up to 0.01 inches thick)
of polyethylene
of other plastics materials
Sheets and sheeting (thicker than 0.01 inches)
Moulded and fabricated containers (with a capacity
exceeding 1 gallon) including closures and inserts
1 other packaging materials
Fuel and electricity (1)
Coal
Coke (including screenings) and manuf actured fuel

Derv fuel and motor spirit for use in road vehicles 0ther liquid fuels (including creosote/pitch mixtures,
etce and liquefied petroleum gases) Gas

Electricity
Total cost of materials and fuel
Goods purchased for merchanting
Canteen purchases
Total cost of purchases

(a) Not recorded separately for 1963.
(b) For 1963 , described as 'Heavy chemicals (acids, alkalis, alcohols, other inorganic and organic
(c) For 1963, including other inorganic and organic chemicals.
(c) For 963, includ as spec if ically inc luded
(e) For 1963, described as 'Phenolics and cresylics; resins (straight and modified), solutions
emulsions and dispers ions
(f) Revised figures.
(g) For 1963, waste yarn was not specifically/ included.
(h) For 1963, bags were not included.
(i) For 1963, paper and board for conversion were not specifically excluded.
(j) For 1963, bags were included.
(k) For 1963, described as 'Plastic sheet, film, foams, etc, (including bags)
(1) The total quantity of electricity generated in establishments employing 25 or more persons in to individual firms, separate figures for 1968 cannot be given.
For 1968, may include a small amount of fuels not covered by spec if ic 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. | 1,408 | 1,217 |
| Transport costs |  |  |  |
| Wages and salaries | $£^{\prime} 000$ | 1,064 | 1,318 |
| Derv fuel and motor spirit | " | 447 | 980 |
| Tyres and other spare parts for road goods vehicles | " |  | 376 |
| Payments to other organisations for transport $\quad\left\{\begin{array}{l}\text { by road } \\ \text { by rail and other } \\ \text { means excluding } \\ \text { postal services }\end{array}\right.$ | " | $\}^{4,900}\{$ | 6,812 1,238 |
| Costs of operating road goods vehicles Insurance | " | 73 |  |
| Vehicle licences | " | 76 | 143 |
| Depreciation | " | 438 | 443 |
| Payments to other organisations for repairs and maintenance | " | 216 | 269 |
| Total | " | 7,213(a) | 11,651 |

(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 Kingdon

|  | Amounts payable |  |
| :---: | :---: | :---: |
|  | 1963 | 1968 |
| Repairs and maintenance to | £'000 | £ 000 |
| Buildings | 621 | 760 |
| Road goods vehicles | 216 | 269 |
| Plant, machinery and other capital equipment | 2,330 | 3,825 |
| Insurance, licensing and depreciation of road goods vehicles (b) | 586 | 658 |
| Rates, excluding water rates | 1,888 | 3,083 |
| Hire of plant and machinery | 289 | 645 |
| Postage, telephone, telegrams, cables and telex (c) | 1,149 | 1,882 |
| Total | 7,078 | 11,122 |

[^1]TABLE 13 Percentage analysis of twelve-month periods covered by returns from larger establ ishments, 1968
Establishments employing 25 or more persons:
Analysis of returns received, United Kingdom

| Year ended | Percentage <br> of total returns received | Percentage of total number employed |
| :---: | :---: | :---: |
| 1968 | Per cent. | Per cent. |
| April (a) | 3.0 | 1.4 |
| May | 0.9 | 0.1 |
| June | 0.9 | 0.1 |
| July | 0.9 | 0.5 |
| August | 1.7 | 0.7 |
| September | 9.9 | 9.8 |
| October | 3.0 | 4.9 |
| November | 0.4 | 0.1 |
| December | 57.3 | 71.4 |
| 1969 |  |  |
| January | 1.7 | 0.5 |
| February | 0.9 | 0.5 |
| March | 18.5 | 9.7 |
| April (b) | 0.9 | 0.3 |
|  | 100 | 100 |

(a) From 6 April.
(b) To 5 April.


[^0]:    (a) The references given are to the list of industries at the front of this report.

[^1]:    (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 .

