

## THE REPORT

 on the CENSUS OF PRODUCTION FOR 1951Volume 11
Trade A
RUBBER


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

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TWO SHILLINGS NETTable No.LIST OF TABLES[HA 251$]$
Titleetabli shments
Sumary: Small firm.,
Estimated average employment: All firms11/N3Analysis by size. 1951: Larger establishments in Great britain11/A/3
Analysis by standard region. 1951: Larger establishments in Great Britain ..... 11/4/4
Analysis according to specialisation within the trade. 1951: Larger
establishments in Great Britain ..... 11/M/4
Total make of intermediate products: Larger establishments in Great EritainSales of the principal products of the trade, including sales of these productSales of the principal products of the trade. including sales of these products
by establishments classified to other trades: Larger establishments in Great
Lis.BritainTotal sales by small firms in Great BritainSales of principal products of the trade by establ chassified to other
trades.Sales of principal products of the trade by estab
trades. Larger establishments in Great Britain
Sales in the trade of other than principal products: Larger establishments in ..... ITM/10
Production. exports and imports of certain principal products ..... 11/N11
Usage of certain specified purchased materials. 1951: Larger establishments in ..... 1HN 15
Employment in September: Larger estabilshments ..... 1V/V15
Average employment: Larger establishments11/A/16
Shift working, 1951: Larger establishments in Great Britain ..... 11/A/17Wages and salaries and employers. National Insurance contributions paid during
the year: Larger establishments1V/V17
Plant. machinery and vehicles - acquisitions and disposals. and capital
expenditure on new building work: Larger establishments ..... 11/A/18
Country tables, 1951
Summary: Larger establishments11/N/18
Summary: Small firms
Sales in the trade: Larger establishments11/A/19
Sales in the trade: Small firms
Stocks of products on hand for sale and work
materials and fuel: Larger establishments
11/N 22
1YN 22
Employment in September: Larger establishments
Average employment: Largor establishments
Average employment: Small firmsWages and salaries and emplovers' National Insurance contributions paid during
the year: Larger establishmentsPlant, machinery and vehicles - ocquisitions and disposals, and capital
expenditure on ner building mork: Larger establishments11/4/24
Payments for transport services for
purchased: Larger establishments*Not applicable to this trade

## RUBBER TRADE

THIS REPORT on the Rubber Trade relates to establishments engaged wholly or mainly in the manufacture of solid and pneumatic tyres of all types and inner tubes, sheet rubber sponge rubber, rubber tubing and hose, balata belting, rubber footwear, gloves, bathing caps, toys, balls, flooring and tiling, etc., including those made from synthetic rubber The manufacture of synthetic rubber itself is excluded

This trade corresponds to minimum list heading 190 in the Standard Industrial Classification

There were no larger establishments in Northern Ireland in the register for this trade.

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

Larger establishments (a)

| TABLE 1 |
| :--- |

(a) For small firms. summary see Table 2
 (c) Amounts paid for delivery excrvices

Payments to other firms and undertake excluded ard to firms. 1951 but included for other years.
they sover payments for transport organisations. For 1951

(e) Excluding outworkers but including working proprietors. For an estimate of the total numbers of persons

(h) For dotalis for 1951 and 1948 see Table 10 .
(i) For details for 1951 see Table 21 .

Summary: Small firms (a)

|  | Great Britain |  | $\begin{gathered} \begin{array}{c} \text { United } \\ \text { Kingdom } \\ \text { King } \end{array} \\ \hline 1949 \end{gathered}$ | Great Britain |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1951 | 1950 |  | 1949 | 1948 |
| Number of returns | 185 | 192 | 240 | 232 | 205 |
| Average number of persons employed (b) $\begin{aligned} & \text { Males } \\ & \text { Females } \end{aligned}$ | $\begin{aligned} & 789 \\ & 270 \\ & \end{aligned}$ | $\begin{aligned} & 794 \\ & 239 \end{aligned}$ | $\begin{aligned} & 969 \\ & 293 \end{aligned}$ | $\begin{aligned} & 940 \\ & 288 \end{aligned}$ | $\begin{aligned} & 849 \\ & 238 \end{aligned}$ |
| Total | 1.059 | 1.033 | 1.262 | 1.228 | 1.087 |

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

| TABLE 3 Estimated average | oyment (a): A11 firms |  |  | Number |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | United Kingdom |  |  | Great Britain |  |
|  | 1951 | 1950 | 1949 | 1949 | 1948 |
| As returned by firms |  |  |  |  |  |
|  | $\begin{aligned} & 99.583 \\ & 1.059(\mathrm{~d}) \end{aligned}$ | $\begin{gathered} 91.767 \\ 1.033(\mathrm{~d}) \end{gathered}$ | $\begin{array}{r} 85.928 \\ 1.262 \end{array}$ | $\begin{array}{r} 85.928 \\ 1.228 \\ 1.28 \end{array}$ | $\begin{array}{r} 87.145 \\ 1.087 \end{array}$ |
| Estimated average employment in firms not making satisfactory returns | 100.642 | 92,800 | 87.190 | 87.156 | 88.232 |
|  | 156 | 267 | 179 | 179 | 413 |
| Estimated average employment in all firms | 100.798 (d) | 93.067 (d) | 87,369 | 87.335 | 88.645 |

Estimated average employment in all firms

> (a) Including working proprietc () See Tables 13. 1 (iv) and 14. (c) See Table 2.
(c) See Table 2 .
(d) Excluding any small firms in Northern Ireland.

Analysis by size, 1951
Larger establishments in Great Britain

| Average number <br> employed | Establish-ments | Grossoutput | ( $\begin{gathered}\text { Net } \\ \text { output }\end{gathered}$ | ${ }_{\substack{\text { Persons } \\ \text { employed }}}$ | Remuneration |  |  | Net output per personemployed |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Operatives | $\begin{aligned} & \text { Other } \\ & \text { employees } \\ & \text { (a) } \end{aligned}$ | Total |  |
| $\begin{aligned} & 11-24 \\ & 25-49 \\ & 50-99 \end{aligned}$ | $\begin{gathered} \mathrm{No} \text {. } \\ 46 \\ 66 \\ 66 \end{gathered}$ | $\begin{aligned} & £ \cdot 000 \\ & 1,355 \\ & 4.945 \\ & 9.544 \end{aligned}$ | $\begin{aligned} & \hline \text { \& } 000 \\ & 561 \\ & 1,921 \\ & 3.985 \end{aligned}$ | $\begin{gathered} \text { No. } \\ 803 \\ 2.415 \\ 4.774 \end{gathered}$ | $\begin{array}{r} \varepsilon^{\prime} 000 \\ 183 \\ 611 \\ 1.306 \end{array}$ | $\begin{array}{r} \hline \text { £ } 000 \\ 105 \\ 265 \\ 514 \\ 514 \end{array}$ | $\begin{array}{r} £^{\prime} 000 \\ 288 \\ 876 \\ 1.820 \end{array}$ | $\begin{gathered} \varepsilon \\ 699 \\ 795 \\ 739 \end{gathered}$ |
| $\begin{aligned} & 100=199 \\ & 200 \\ & 300=399 \end{aligned}$ | $\begin{aligned} & 59 \\ & 25 \\ & 15 \end{aligned}$ | 16.971 10.645 8.6407 8.607 | 6.737 4.734 4.186 | 8.458 6.432 5.202 5.9 | 2.226 1.703 1.361 | $\begin{aligned} & 846 \\ & 617 \\ & 456 \end{aligned}$ | 3.071 3.819 1.817 | 797 736 805 |
| $\begin{aligned} & 400=499 \\ & 500=749 \\ & 750=999 \end{aligned}$ | $\begin{array}{r} 11 \\ 11 \\ 9 \end{array}$ | 8.372 13.924 13.054 13.054 | 3.441 4.681 5.693 | 4.943 6.757 7.703 | 1.318 <br> $\begin{array}{l}1.573 \\ 2.207\end{array}$ | $\begin{aligned} & 441 \\ & 708 \\ & 667 \end{aligned}$ | 1.759 $\begin{aligned} & 1.281 \\ & 2.874 \\ & 2.874\end{aligned}{ }^{2} \mathbf{4}$ | 696 693 700 |
| $\begin{aligned} & 1.000=1.499 \\ & 1.500=2.499 \\ & 2.500=3.999 \end{aligned}$ | $\begin{aligned} & 9 \\ & 4 \end{aligned}$ | $\begin{aligned} & 27.490 \\ & \text { an } 284 \\ & 30.026 \end{aligned}$ | 9.502 4.846 7.864 | $\begin{aligned} & 11.028 \\ & 8.044 \\ & 10.022 \end{aligned}$ |  | $\begin{array}{r} 1.049 \\ 652 \\ 963 \end{array}$ | 4.071 <br> $\begin{array}{l}3.038 \\ 4.113\end{array}$ | 862 602 785 |
| 4.000 and over | 4 | 93.473 | 18.431 | 23.002 | 7.486 | 2.137 | 9.623 | 801 |
| Total | 328 | 259.191 | 76.284 | 99.583 | 28.532 | 9.418 | 37.950 | 766 |

5536/2)

$$
\text { Analysis by standard region, } 1951
$$

Larger establishments in Great Britain

| Region | $\begin{aligned} & \text { Estab- } \\ & \text { 1ish- } \\ & \text { ment } \end{aligned}$ | Grossoutput | Net output |  | Persons employed | Remuneration |  |  | Net output <br> employed |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Value | $\left\|\begin{array}{c} \text { Percen t- } \\ \text { age of } \\ \text { total } \end{array}\right\|$ |  | Operatives | $\begin{gathered} \text { other } \\ \text { emphoyees } \\ \text { (a) } \end{gathered}$ | Total |  |
| England | No. | $\varepsilon^{\prime} 000$ | £ 000 |  | No. | £,000 | \&. 000 | \& 000 | $\varepsilon$ |
| Northern | 6 | 723 | 314 | 0.4 | 544 | 106 | 35 | 141 | 577 |
| East and West. Ridings | 10 | 3.047 | 1,510 | 2.0 | 1.634 | 388 | 173 | 561 | 924 |
| North Midland | 21 | 9, 376 | 3.327 | 4.4 | 4.699 | 1.322 | 513 | 1.834 | 708 |
| Eastern | 17 | 5.121 | 2.221 | 2.9 | 2.536 | 731 | 255 | 986 | 876 |
| London and South Erstern | 100 | 44.609 | 15.456 | 20.3 | 19.622 | 5. 406 | 2.023 | 7.429 | 738 |
| Southern | 12 | 2.995 | 1.652 | 2.2 | 1.892 | 538 | 209 | 746 | 873 |
| South Western | 16 | 8.632 | 2.251 | 3.0 | 3.839 | 1,155 | 345 | 1,500 | 586 |
| Midland | 29 | 86.795 | 19.027 | 24.9 | 22.137 | 7.123 | 2.245 | 9.367 | 859 |
| North Western | 83 | 72,315 | 23.087 | 30.3 | 30.479 | 8.642 | 2.549 | 11.192 | 757 |
| Total England | 294 | 233.612 | 68.846 | 90.2 | 87.382 | 25,410 | 8,348 | 33.758 | 788 |
| Wales | 13 | 2.518 | 592 | 0.8 | 1.654 | 384 | 159 | 543 | 358 |
| Scotland | 21 | 23.060 | 6,846 | 9.0 | 10.547 | 2.738 | 912 | 3.650 | 649 |
| Great Britain | 328 | 259.191 | 76.284 | 100.0 | 99.583 | 28.532 | 9.418 | 37.950 | 766 |

Analysis according to specialisation within the trade, 1951 Larger establishments in Great Britain

(a) Administrative, technical and clerical employees.

|  | Returned in this trade |  |  | Returned in all |  | trades |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1951 |  | 1948 | 1951 |  | 1948 |
|  | Quantity | Entries | Quantity | Quantity | Entries | Quantity |
| Principal products <br> Sheets and sheeting wholly of rubber Mechanical <br> Other <br> Insertion sheeting | Tons | No. | Tons | Tons | No. | Tons |
|  |  |  |  |  |  |  |
|  | 7.926 | .. | .. | 8.067 | .. | .. |
|  | 6.734 | .. | .. | 6.933 | .. |  |
|  | 2.299 | 24 | $\int_{\mathrm{Th} . \mathrm{sq} . \mathrm{yds} .}^{4.669}\{$ | $\begin{gathered} 2.299 \\ 217 \\ \mathrm{Th} . \mathrm{sq} \cdot \mathrm{yds} . \end{gathered}$ | 24 | 4.669 |
| Rubber sheeting with a textile backing | 209 | .. |  |  |  |  |
| Cloth proofed with rubber | Th. sq.yds. |  |  |  |  | Th. sq.yds. |
| Hospital sheeting (including jaconet and batiste) | 4.140 | 17 | 1.998 | 4.140 | 17 | 2.066 |
| Other, in single texture or double texture | 60.452 | .. | 36.970 | 60.646 | 42 | 37.664 |
| Threads wholly of rubber | $\begin{aligned} & \text { Tons } \\ & 1,934 \end{aligned}$ | 6 | Tons <br> 2.600 | $\begin{aligned} & \text { Tons } \\ & 1.934 \end{aligned}$ | 6 | Tons 2.600 |
| Reclaimed rubber | 32.648 | .. | 21.616 | 33.476 | 14 | 21.640 |
| Other products | Th.sq.yds. |  | Th. sq.yds. |  |  |  |
| Oilskin piece goods | 415 | .. | 1.982 |  |  |  |

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

Larger establishments in Great Britain

|  | 1951 |  |  | 1948 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Value | Entries | Quantity | Value |
| Sheets and sheeting wholly of rubber Tons $\varepsilon^{\prime} 0000$ No. Tons $\varepsilon^{\prime} 000$ |  |  |  |  |  |
|  |  |  |  |  |  |
| Mechamical | 2.122 | 636 | 41 | 1.862 | 334 64 |
| Other | 4.232 | 1.412 | 33 \} | 1.195 | 320 62 |
| Insertion sheeting | 2.165 | 524 | 24 | 1.735 | 275 |
| Rubber sheeting with a textile backing | 174 | 116 | 15 | 1.104 | 147 |
| Cloth proofed with rubber | Th. sq.yds. |  |  | Th. sq ¢ yds . |  |
| Hospital sheeting (including jaconet md batiste) | 1.487 | 410 | 14 | 1.781 | 271 |
| Other, in single texture or double texture | 18.587 | 4.096 877 | 31 | 25.270 | 2.654(a) |
| Sheets, sheeting and cloth proofed with syn thetic rubber | .$^{162}$ | 87 144 | $10\{$ | ${ }^{360}$ | $\begin{array}{r} 109 \\ 30 \end{array}$ |
| Threads wholly of rubber | (Tons | 1.618 | 6 | ${ }_{\substack{\text { Tons } \\ 2.270}}^{\text {c, }}$ | 1.004 |
| Reclaimed rubber | 28,664 | 2.196 | , | 19.239 | 1.009 |
| Rubber compound. sold as such | 15.664 | 3.508 | 50 | 13.344 | 1.449 |
| Нове |  |  |  |  |  |
| Wholly of rubber, balata or gutta percha | 1.135 | 248 | 15 | 1.481 | 146 |
| Fabric mrapped |  |  |  |  |  |
| Rein forced throughout with metal wire or strip, not wire braided |  |  |  |  |  |
| Suction type | $2,581$ |  |  |  |  |
| Other | 858 | 473 | 19 \{ | ${ }^{7 .}{ }^{33}$ | 245 29 |


| TABLE 8 (contd.) |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |


| TABLE 8 (contd.) |
| :--- |

\begin{tabular}{|c|c|c|c|c|c|}
\hline \multirow[t]{2}{*}{} \& \multicolumn{3}{|c|}{1951} \& \multicolumn{2}{|c|}{1948} \\
\hline \& Quantity \& Value \& Entries \& Quantity \& value \\
\hline \& Tons \& £.000 \& No. \& Tons \& £'000 \\
\hline Railway springs, buffer recoils and other rubber products for locomotives, carriages and wagons \& 2352 \& 1.070 \& \& 1.855 \& \(754(\mathrm{e})\)
6 \\
\hline \multirow[t]{3}{*}{\begin{tabular}{l}
Sponge and cellular rubber products, not lsewhere specified \\
Mattresses \\
Other descriptions (including upholstery and cushions)
\end{tabular}} \& \& \& \& \& \\
\hline \& 3.117 \& 1.537 \& 6 \& 5.412 \& 1.800 \\
\hline \& 8.436 \& 4.074
158 \& \} .. \& \& \\
\hline Rubberised hair \& \& 355 \& .. \& .. \& (f) \\
\hline Vulcanite, ebonite and other hard rubber \& \& \& \& \& \\
\hline Sheets, rods and tubes \& 529 \& 352
81 \& ] 10 \{ \& 497 \& 280
23 \\
\hline Battery boxes. plugs and lids \& 5.626 \& 1.076
635 \& , \& .. \& 872 \\
\hline Other manufactures of vulcanite, ebonite and other hard rubber, not. elsewhere specified \& 3.157 \& 1.380

266 \& \} 32 \{ \& 2,537 \& $$
\begin{aligned}
& 692 \\
& 277
\end{aligned}
$$ <br>

\hline Rubber adhesives (including processed latex adhesives and synthetic latex adhesives made from syn thetic rubber), sold as such \&  \& $$
\begin{array}{r}
1.572 \\
121
\end{array}
$$ \& $\} 41$ \{ \& 5.027 \& 679

147 <br>
\hline Insulating materials \& Th.sq.yds. \& \& \& \& <br>
\hline Cable cloth \& 17.315 \& 1.766 \& 5 \& \& (f) <br>
\hline Varnished and non-adhesive cloth and tape (except cable cloth) \& Tons
1.248 \& 1.514
394 \& \} 10 \{ \& 692 \& 770
433 <br>

\hline Adhesive cloth and tape \& | 1.739 |
| :--- |
| .. | \& 746

259 \& \} 10 \& 1.331 \& 465 <br>
\hline Other descriptions \& 78 \& 34
816 \& \} 10 \& \& (f) <br>
\hline Rubber bands \& .. \& 378 (c) \& \{ \& ${ }_{\substack{\text { Th } \\ 1.98082}}^{\text {gross }}$ \& 80
19 <br>
\hline Erasers \& \& 33 (c) \& .. $\{$ \& 281 \& 147
15 <br>
\hline Pressure sensitive adhesive tape, e.g... masking tape used for sealing purposes (c) \& 861 \& 918
494 \& $\} 5$ \& Tons \& 1.214(g) <br>
\hline Miscellaneous rubber goods, including adhesive cellulose tape and surgical tape \& 3.432 \& 750
13.739 \& \} 140 \{ \& $\underset{6.111}{\text { Tons }}$ \& 1.074
4.552 <br>
\hline Waste rubber \& 10.943 \& 286

80 \& 86 \& 12.296 \& $$
\begin{aligned}
& 99 \\
& 35
\end{aligned}
$$ <br>

\hline Other waste products \& \& 295 \& 41 \{ \& 1.255 \& ${ }_{48}^{6}$ <br>
\hline Work done for the trade or on commission (h) \& \& \& \& \& <br>
\hline Tyres retreaded or remade \& Thous. \& 3,876 \& 49 \& Thous.
493 \& <br>
\hline Car (including taxi) tyres \& 1.251 \& 3.061 \& 51 \& 817 \& 1.167 <br>
\hline Other tyres \& .. ${ }^{3}$ \& 317
63 \& ) 16 \& 32 \& 100 <br>
\hline
\end{tabular}



TABLE 9 (contd.)

(a) Including cable cloth.
(b) Described as agalata (including gutta percha) and canvas; and conveyor and elevator belting and motor
vehicle fan belt ts of rubber or rubber and canvas: (c) Amount charged.

Sales in the trade of other than principal products
Larger establishments in Great Britain
TABLE 10

|  | 1951 |  | 1948 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Value | Quantity ${ }^{-}$ | value |
|  | Thous. | $\varepsilon^{\prime} 000$ | Thous. | ¢ 000 |
| Proofed, etc. garments | 752 | 946 | 213 | 296 |
|  | $\mathrm{Th}_{416 .}^{\mathrm{T}} \mathrm{~s} \cdot \mathrm{yds} .$ | 101 | Th. $\mathrm{sq} . \mathrm{yds}$. 1.756 | 204 |
| Proofed piece goods, other tham rubber proofed \{ |  | 40 |  | 204 |
| Golf bails and tennis balls, covered ready for use | ${ }_{222}{ }_{72}$ | 674 |  | 522 |
| Plastics materials ${ }^{\text {a }}$ ( | 37.6 | 649 449 |  |  |
| Manufactures of plastics materials, other than garments and toys and games | . | 744 | .. | 988 |
| Insulating materials other than cloth and tape | .. | 219 | .. | 488 |
| Parts and accessories (not wholly of rubber) of motor vehicles (other than motor cycles) and pedal cycles | .. | 187 | .. | 361 |
| Chemical manufactures, including varnishes, dyes, stains, inks, polishes and artists colours |  | 511 | .. | 303(a) |
| Boots, shoes, sandals and slippers, not mainly of rubber, and parts thereof | ${ }_{35}^{\text {pair }}$ | 31 59 |  | 106 |
| Machinery. parts and accessories, other than moulds | . | 656 |  | 562 |
| Other engineering products |  | 354 |  |  |
| Synthetic rubber |  | 84 |  | 1.321 |
| Other goods | .. | 2.210 |  |  |
| Work done (b) |  | 43 |  | 22 |
| Total |  | 7.954 |  | 5.173 |

(a) Described as
(b) Amount charged
a) Described as
b) mount charged
(5536/2)

Production, exports and imports of certain principal products (a)
TABLE 11


\begin{tabular}{|c|c|c|c|}
\hline \& Production (b) (c) \& Exports (d) \& Retained imports (e) <br>
\hline \multicolumn{4}{|l|}{\multirow[b]{5}{*}{Rubber tyres and tubes $(k)$ (contd.) Pneumatic (contd.) Outer covers (contd.) Other motor vehicle tyres New}} <br>
\hline \& \& \& <br>
\hline \& \& \& <br>
\hline \& \& \& <br>
\hline \& \& \& <br>
\hline Giant tyres (including 5in. S.S.) $\left\{\begin{array}{l}1951 \\ 1948\end{array}\right.$ \& $$
\begin{aligned}
& 3.082 \\
& 2.746
\end{aligned}
$$ \& 1.034 \& .. <br>
\hline Tractor and dumper and earth mover vehicle tyres
$$
\left\{\begin{array}{l}
1951 \\
1948
\end{array}\right.
$$ \& 667
686 \& $$
\begin{aligned}
& 72 \\
& 18
\end{aligned}
$$ \& $\because$ <br>
\hline Car (including taxi) tyres $\quad\left\{\begin{array}{l}1951 \\ 1948\end{array}\right.$ \& 6.654
5.978 \& 1.144
900 \& <br>
\hline \multicolumn{4}{|l|}{Retreaded or remade} <br>
\hline Giant tyres (including Sin. S.S.) $\left\{\begin{array}{l}1951 \\ 1948\end{array}\right.$ \& $$
\begin{aligned}
& 657 \\
& 493
\end{aligned}
$$ \& ${ }_{9}^{27}$ \& : <br>
\hline Car (including taxi) tyres $\quad\left\{\begin{array}{l}1951 \\ 1948\end{array}\right.$ \& 1.251 \& 88
10 \& $\because$ <br>
\hline Other tyres $\left\{\begin{array}{l}1951 \\ 1948\end{array}\right.$ \& $$
\begin{aligned}
& 64(\mathrm{~g})(1)(1) \\
& 32(1)
\end{aligned}
$$ \& 1 \& $\ldots$ <br>
\hline Total other motor vehicle tyres $\left\{\begin{array}{l}1991 \\ 1998 \\ 1937\end{array}\right.$ \& $$
\begin{aligned}
& 12.376(1) \\
& 10.752(1) \\
& 7.178(1)(\mathrm{m})
\end{aligned}
$$ \& 2.365
$1 \begin{aligned} & 1.474 \\ & 1.377\end{aligned}$ \& 16
39
114 <br>
\hline Pedal cycle tyres $\quad\left\{\begin{array}{l}1951 \\ 1948 \\ 1937\end{array}\right.$ \& 14.804
14.124
10.762 \& 4.113
$\begin{aligned} & \text { 3 } \\ & 3 \\ & 3.565 \\ & 3.316\end{aligned}$ \& 40
11
305 <br>
\hline Animal drawn and similar vehicle tyres $\left\{\begin{array}{l}1951 \\ 1948\end{array}\right.$ \& $$
\begin{aligned}
& 218 \\
& 148
\end{aligned}
$$ \& ${ }_{9}^{13}$ \& : <br>
\hline Barrow, trolley and other tyres $\left\{\begin{array}{l}1951 \\ 1948\end{array}\right.$ \& ${ }_{341}^{437}(\mathrm{n})$ \& 101
66 \& : <br>
\hline \multicolumn{4}{|l|}{Inner tubes} <br>
\hline For aeroplane tyres $\left\{\begin{array}{l}1951 \\ 1948\end{array}\right.$ \& 65
40 \& ${ }_{11}^{20}$ \& <br>
\hline For motor cycle and tri-car tyres $\left\{\begin{array}{l}1951 \\ 1948 \\ 1937\end{array}\right.$ \& 908
$\begin{aligned} & 963 \\ & 372\end{aligned}$ \& 185
130
41 \& 5 <br>
\hline \multicolumn{4}{|l|}{For other motor vehicle tyres} <br>
\hline For giant tyres (including 5in. S.S.) $\left\{\begin{array}{l}1951 \\ 1948\end{array}\right.$ \& 2.302
2.078 \& 779
459 \& $\because$ <br>
\hline For tractor and dumper and earth
mover vehicle tyres $\quad\left\{\begin{array}{l}1951 \\ 1948\end{array}\right.$ \& 653
637 \& 67
15 \& $\because$ <br>
\hline For car (including taxi) tyres $\quad\left\{\begin{array}{l}1951 \\ 1948\end{array}\right.$ \& $$
\begin{aligned}
& 5.337 \\
& 4.842
\end{aligned}
$$ \& ${ }_{773}^{971}$ \& .. <br>
\hline Total inner tubes for other
motor vehicle tyres $\quad\left\{\begin{array}{l}1991 \\ 19948 \\ 1937\end{array}\right.$ \& $$
\begin{aligned}
& 8.292 \\
& 7.557 \\
& 5.032(0)
\end{aligned}
$$ \& $$
\begin{aligned}
& 1.817 \\
& 1.247 \\
& 1.069
\end{aligned}
$$ \& 2
62
68 <br>
\hline Far pedal cycle tyres $\quad\left\{\begin{array}{l}1951 \\ 1948 \\ 1937\end{array}\right.$ \& 13.350
14.357
9.838 \& 2.712
$\begin{aligned} & 3.419 \\ & 2.325\end{aligned}$ \& 3

308
308 <br>
\hline For animal drawn and similar
vehicle tyres $\quad\left\{\begin{array}{l}1951 \\ 1948\end{array}\right.$ \& 185
129 \& 7
10 \& - <br>

\hline For barrow, trolley and other tyres $\left\{\begin{array}{l}1951 \\ 1948\end{array}\right.$ \& $$
{ }_{381(\mathrm{p})}^{442}
$$ \& 89

66 \& - <br>

\hline Camelback and other tyre repair materials $\left\{^{1951} 1988\right.$ \& \[
$$
\begin{gathered}
\varepsilon \cdot 000 \\
3.503 \\
1.206
\end{gathered}
$$

\] \& \[

$$
\begin{aligned}
& \varepsilon_{708} \cdot 000 \\
& 700
\end{aligned}
$$

\] \& \[

\varepsilon \cdot 000
\] <br>

\hline Machinery belting \& Tons \& Tons \& Tons <br>
\hline Motor vehicle fan belts of rubber, or

rubber and canvas $\quad\left\{\begin{array}{l}1951 \\ 1948\end{array}\right.$ \& \[
$$
\begin{array}{r}
1.105 \\
913
\end{array}
$$

\] \& \[

{ }_{80}^{197}
\] \& .. <br>

\hline
\end{tabular}

|  |  | Production (b) (c) | Exports (d) | Retained <br> imports (e) |
| :---: | :---: | :---: | :---: | :---: |
| Machinery belting (contd.) |  | Tons | Tons | Tons |
| Other belting of balata (including gutta percha) and canvas or of rubber, or rubber and canvas | $\left\{\begin{array}{l}1951 \\ 1998 \\ 1937\end{array}\right.$ | $\begin{aligned} & 35.508(\mathrm{~g}) \\ & 29.777(\mathrm{~g}) \\ & 11.522 \end{aligned}$ | $\begin{aligned} & 3.635 \\ & 2.129 \\ & 2.402 \end{aligned}$ | $\begin{array}{r} 8 \\ 4.609 \\ 471 \end{array}$ |
| Mats, matting, flooring and tiling of rubber, other than of sponge rubber |  | £. 000 | £. 000 | £'000 |
| Mats and matting | $\left\{\begin{array}{l}1951 \\ 1948\end{array}\right.$ | 820 689 | 147 64 | .. |
| Tiling and flooring (including sponge | $\left\{\begin{array}{l}1951 \\ 1948\end{array}\right.$ | $\begin{array}{r} 1.498 \\ 1.627 \\ \hline \end{array}$ | 490 239 | $\because$ |
| Total mats, matting, tiling of rubber (q) | $\left\{\begin{array}{l}1951 \\ 1998 \\ 1937\end{array}\right.$ | ( $\begin{array}{r}2.318 \\ 2.317 \\ \text {, } 365\end{array}$ | $\begin{aligned} & 637 \\ & 302(\mathrm{r}) \\ & 52(\mathrm{r}) \end{aligned}$ | 3(r) $10(r)$ |
| Rubber boots |  | Th.doz.prs. | Th.doz.prs. | Th.doz.prs. |
| of a length (front of sole to heel tip) exceeding 11 inches | $\left\{\begin{array}{l}1951 \\ 1948\end{array}\right.$ | 272 195 | 59 26 | 56 19 |
| Wellingtons <br> of a length exceeding $91 / 6$ inches but not exceeding 11 inches | $\left\{\begin{array}{l}1951 \\ 1948\end{array}\right.$ | ${ }_{217}^{204}$ | 49 | ${ }_{31}^{20}$ |
| Of a length not exceeding $91 / 4$ inches | $\left\{\begin{array}{l}1951 \\ 1948\end{array}\right.$ | $\begin{aligned} & 403 \\ & 317 \end{aligned}$ | ${ }_{23}^{75}$ | ${ }_{42}^{40}$ |
| Other descriptions | $\left\{\begin{array}{l}1951 \\ 1948\end{array}\right.$ | ${ }_{57}^{112}(\mathrm{~g})$ | 65 10 | 40 15 |
| Total rubber boots | $\left\{\begin{array}{l}1951 \\ 1998 \\ 1937\end{array}\right.$ | ( ${ }^{9981(\mathrm{~g})}$ | 248 78 16 | $\begin{aligned} & 156 \\ & 107 \\ & 304 \\ & \hline \end{aligned}$ |
| Rubber shoes |  |  |  |  |
| Canvas shoes with rubber soles | $\left\{\begin{array}{l}1951 \\ 1948\end{array}\right.$ | ${ }_{1}^{1.1878}$ | 261 109 | ${ }_{220}^{211}$ |
| Other shoes of rubber and other materials and shoes wholly of rubber <br> Total rubber shoes | $\left\{\begin{array}{l}1951 \\ 1948\end{array}\right.$ | $\begin{aligned} & 384(\mathrm{~g}) \\ & 528 \end{aligned}$ | 56 11 | 30 8 |
|  | $\left\{\begin{array}{l}1951 \\ 1981 \\ 1937\end{array}\right.$ | $1.962(9)$ 1.7108 1.788 | 317 120 51 | 241 228 $60 ¢$ |
| Ruber soles, full and half size. including combined soles and heels | $\left\{\begin{array}{l}1951 \\ 1948\end{array}\right.$ | Ton <br> $6.132(\mathrm{~g}$ <br> 4.346 (g) | $\begin{array}{r} \text { Tons } \begin{array}{c} \text { ans } \\ 5061 \\ 200 \end{array} \end{array}$ | $\stackrel{\text { Tons }}{ } \stackrel{-}{5}$ |
| Rubber heels and heel tips | $\left\{\begin{array}{l}1951 \\ 1948\end{array}\right.$ | 5.667 4.634 | $\begin{aligned} & 508 \\ & 206 \end{aligned}$ | 3 |
| Total rubber soles, heels and heel tips (s) | $\left\{\begin{array}{l} 1951 \\ 1948 \\ 1937 \end{array}\right.$ | $\begin{gathered} 11.798(\mathrm{~g}) \\ 8.980(\mathrm{~g}) \\ 8.122 \end{gathered}$ | $\begin{array}{r} 1.069 \\ 406 \\ 452 \end{array}$ | $823^{8}$ |
| Rubber gloves and gauntlets | $\left\{\begin{array}{l}1951 \\ 1948 \\ 1937\end{array}\right.$ | $\begin{gathered} \text { Th. doz.prs. } \\ 598 \\ 295 \\ 130 \end{gathered}$ | $\begin{gathered} \text { Th. doz.prs. } \\ 194 \\ 66 \\ 13 \end{gathered}$ | Th.doz.prs. 5 101 |
| Rubber balls |  | £. 000 | £. 000 | £.000 |
| Bladders (football, punchball, water polo. etc.) | $\left\{\begin{array}{l} 1951 \\ 1948 \end{array}\right.$ | $\begin{aligned} & 140 \\ & 206 \end{aligned}$ | $\begin{aligned} & 57 \\ & 44(t) \end{aligned}$ |  |
| Playballs (including sponge rubber play- balls) and other rubber balls for sports and games. including golf ball centres and uncovered tennis balis but complete golf and tennis balls | $\left\{\begin{array}{l}1951 \\ 1948\end{array}\right.$ | 409 541 | 58 42 | $\cdots$ |
| Total rubber balls for sports and games, including playballs but excluding complete golf and tennis balls | $\left\{\begin{array}{l} 1951 \\ 1948 \\ 1937 \end{array}\right.$ | $\begin{aligned} & 549 \\ & 747 \\ & 234 \end{aligned}$ | $\begin{gathered} 115 \\ 85 \\ 27 \end{gathered}$ | $\begin{aligned} & 15(u) \\ & 20 \\ & 25 \end{aligned}$ |


| TABLE 11 (contd.) |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
|  |  | Production (b) (c) | Exports (d) | Retained <br> imports (o) |

(a) Figures of production (or sales) refer only to larger establishments. All recorded exports from omd imports
into the United Kingdom are given in the table. The figures therefore, are not strictly comparable. (b) Sales in 1955 ted 1948 ind
(b) Salos in 1951 and 1948 . and production for sale in 1937 except where otherwise stated
(c) Including production (or sales) by establishments classified to other trades
(c) Including pro
(d) Valued f.o.b.
(e) Valued
(i)
(e) Valued c.i.f.
(f) Production for sale or for further manu facturing purposes in the same works
(g) Partly estimated.
(h) Including syn thetic rubber sheetion
(h) Including syn thetic rubber sheeting.
(i) Described as Sheeting of rubber or syn thetic rubber, with a textile backing
j)
Including cable cloth.
(k) The oversea trade figures include used tyres. whether reconditioned or not, but exclude tyres and tubes
exported or imported with complete vehicles or chassis as part of their equipment. or fitted on wheels

$$
\begin{aligned}
& \text { exported or imported separate ty } \text { ihan for motor vehicles. } \\
& \text { (1) Including retreaded ty res other than }
\end{aligned}
$$

(1) Including retreaded tyres other than for motor vehicles.
( m ) Including new. aeroplome and horse-drawn vehicle tyres.


(q) Sescribed as Mats, matting and tiling of rubbe
(r) Exxluding covins amd stair noing.
(s) Described as infber heels and soles. in 1937 .
(s) Described as 'Rubber heels and so
(t) Described as .Football bladders ${ }^{\text { }}$.
(4) Described as 'Footba.
(u) Excluding pliaybils.
(v) Including playballs.
(v) Including playballs.
( $\mathbf{l}$ ) Reeexports in excess of imports.
(x) Described as. In. rods, tubes. sheets, etc., not elsemhere specified:
(y) Described as © Latex compounds and adhesives (rubber solution or latex)

Usage of certain specified purchased materials, 1951 Larger establishments in Great Britain

| Materials used | Quantity |
| :---: | :---: |
| Cotton yarn | $\begin{gathered} \text { Th. 1bs. } \\ 14.214 \end{gathered}$ |
| Spun yarn of rayon, nylon, etc. | 30 |
| Continuous filament yarn of rayon, nylon, etc. | 22.123 |
| Woven cotton cloth | Th. it $118 . \mathrm{yds}$. |
| Woven cloth of rayon, nylon, etc. or of rayon, nylon, etc. mixed with materials other than silk | 29,992 |
| Zinc compounds | $\begin{aligned} & \text { Th. } . \mathrm{cwts}_{313} . \end{aligned}$ |

TABLE 13

(ii) Administrative, technical and clerical employees (d)


11/A/16


| Great Britain |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1951 | 1950 | 1949 | 1948 | 1937 | 1935 |
| $\begin{array}{r} 2.375 \\ 68.017 \end{array}$ | $\begin{aligned} & 1.867 \\ & 62,427 \end{aligned}$ | $\begin{array}{r} 1.804 \\ 56.431 \end{array}$ | $\begin{array}{r} 2.009 \\ 59.709 \end{array}$ | 3.620 36.825 | $\begin{array}{r} 3.118 \\ 34.599 \end{array}$ |
| $\begin{array}{r} 2.968 \\ 33.725 \end{array}$ | $\begin{array}{r} 2.330 \\ 30.565 \end{array}$ | $\begin{array}{r} 2.151 \\ 28.185 \end{array}$ | $\begin{array}{r} 2.445 \\ 27.409 \end{array}$ | $\begin{array}{r} 6,305 \\ 21.264 \end{array}$ | $\begin{array}{r} 4.386 \\ 19.499 \end{array}$ |
| $\begin{gathered} 5.343 \\ 101.742(\mathrm{e}) \\ \hline \end{gathered}$ | $\begin{array}{r} 4.197 \\ 92.992(\mathrm{e}) \\ \hline \end{array}$ | $\begin{array}{r} 3.955 \\ 84.616(\mathrm{e}) \\ \hline \end{array}$ | $\begin{gathered} 4.454 \\ 87.118(\mathrm{e}) \\ \hline \end{gathered}$ | $\begin{gathered} 9.925 \\ 58.089 \end{gathered}$ | $\begin{gathered} 7.504 \\ 54,098 \end{gathered}$ |

Under 18
All ages
(6) Excluded employees. The following persons were employed at the larfer establishments in this trade in
employees engaged in merchanting):-

$$
\begin{array}{lll}
\text { Canteen workers } & 57 & \text { Males } \\
\text { Other workers } & 769 & 886 \\
\text { Merales }
\end{array}
$$

(b) In week ended September 22, 1951, September 30, 1950, and September 24, $1949, ~$
(c) Average for the year.
(c) Average for the year.
(d) In week ended September 22, 1951. September 30, 1950. September 24, 1949. September 25, 1948 ,
(e) Working proprietors. In acdition working proprietors, shown in Table 13 (iv) below, were engaged in $\begin{gathered}\text { In } \\ \text { this trade in larger establishments. } 1937 \text { and } 1935 \text { figures include working proprietors. }\end{gathered}$

|  | Great Britain |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 1951 | 1950 | 1949 | 1948 |
| Males Females | $\begin{array}{r} 18 \\ 2 \end{array}$ | $\begin{array}{r} 20 \\ 3 \end{array}$ | $\begin{array}{r} 20 \\ 4 \end{array}$ | ${ }_{2}^{24}$ |
| Total | 20 | 23 | 24 | 27 |

Average employment

| Larger establishments (a) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Great Britain |  |  |  |  |  |
|  | 1951 | 1950 | 1949 | 1948 | 1937 | 1935 |
| Operatives <br> Administrative, technical and clerical employees Total | ${ }^{81.088}$ | 74.942 | 69.916 | 72.018 | 47.962 | 44,556 |
|  | 18.475 | 16.802 | 15,988 | 15.100(b) | 10.127 (b) | 9,542(b) |
|  | 99.563 | 91.744 | 85,904 | 87.118 | 58.089 | 54.098 |
| (a) For employment in small firms (employing on the average ten or fewer persons) that made satisfactory returns, see Table 2. <br> (b) In week ended September 25, 1948, October 16, 1937, and October 12, 1935. The 1937 and 1935 figures include working proprietors. <br> Outworkers. In addition to the employees shown above the firms in this trade employed outworkers whose numbers are shown below. |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Great Britain |  |  |  |  |  |  |
|  | 1951 | 1950 | 1949 | 1948 | 1937 | 1935 |
| $\underset{\text { Males }}{\text { Females }}$ | 83 926 | $\begin{gathered} 73 \\ 791 \end{gathered}$ | ${ }_{531}^{102}$ | $\begin{aligned} & 44 \\ & 518 \end{aligned}$ | $\cdots$ | .. |
| Total | 1.009 | 864 | 633 | 562 |  |  |

TABLE 1
Plant, machinery and vehicles - acquisitions and disposals, and capita

| TABLE 17 |  |  |  |
| :---: | :---: | :---: | :---: |
|  | Great Britain |  |  |
|  | 1951 | 1949 | 1948 |
|  |  |  |  |
|  |  |  |  |
| Nomer | ${ }^{4.931} 192$ | 4.384 103 | 3.791 196 |
| Vehicles$\substack{\text { New } \\ \text { Second-hand }}$ |  |  |  |
|  | $\begin{aligned} & 351 \\ & 136 \\ & \hline \end{aligned}$ | ${ }_{32}^{216}$ | ${ }_{61}^{192}$ |
| Total acquisitions | 5.609 | 4.735 | 4.240 |
| Disposals <br> Plant and machinery <br> Vehicles |  |  |  |
|  | ${ }_{110}^{126}$ | ${ }_{60}^{77}$ | 70 35 |
| Total disposals | 236 | 137 | 106 |
| New building work <br> Capital expenditure on new building and other |  |  |  |
|  |  |  |  |

COUNTRY TABLES

(a) Excluding outworkers but including working proprietors.
(b) Including payment for work done on materials given out.
 (5536/2)
0

Principal products (contd.)
Rubber tyres and tubes (contd.)
Inner tubes
For giant tyres (including 5 in. S.s.) For tractor and dumper and earth mover
vehicle tyres vehicle tyres
For car (including taxi) tyres For car (including taxi) tyres
For motor cycle and tri-car tyres For pedal cycle tyres
For aeroplane tyres
For animal-drawn and. similar vehicle tyres For barrow, trolley and other tyres Cushion, sponge rubber and solid tyres,
including solid tyring sold in the length
For perambulators and other baby carriages Other
Camelback and other tyre repair material Rubber accessories for motor vehicles.
including motor cycles and tri-cars. not including motor cyc
elsewhere specified
Machinery belting
Rubber or rubber and canvas
Power transmission. motor vehicle fo Power transmission. motor vehiche fan
belts. and other -belts ard round section
belts: and belting of balata (including
gutta percha) and canvas gutta percha) and canvas
Other power transmission
Tiling and flooring (1ncluding sponge backed)
covings and stair nosings of rubber, other covings and star nob
Rubber soles. full and half-size. including
combined soies and heels, and rubber heels combined soles
ond heel tips

Bathing caps and helmets
Rubber balls - bladders (football, punchball
waterpolo. etc.)
Toys. wholly or mainly of rubber - balloons Toys. wholly or mat
Hot water bottles
Wringer rollers
Wringer rollers
Industrial rollers
Sealing and bottling rings
Screw stoppers for bottles
Railway springs, buffer recoils and other
rubber products for locomotives, carriages rubber products for locomotives, carriages
ond wagons Sponge and
Sponge and cellular rubber products, not
elsewhere specified
Mattresses
Other descriptions (including upholstery
and cushions) Vulcanite, ebonite and other hard rubber Sheets. rods and tubes

| England and Wales |  | Scotiond |  | Grsat Britain |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Quantity | Value | Quantity | Value | Quantity | Value |
| Thous. | $\varepsilon^{\prime} 000$ |  | ${ }^{\text {c }} 0000$ | Thous. | ¢.000 |
| .. | (a) | .. | (a) | 2.302 | 3. 523 |
| .. | (a) | .. | (a) | 653 | 1.007 |
| .. | (a) | .. | (a) | 5,337 | 3.353 |
| .. | (a) | .. | (a) | 908 | 347 |
| 13.350 | 2.688 | - | - | 13,350 | 1.688 |
| 65 | 110 | - | - | 65 | 110 |
|  | (a) | . | (a) | 185 | 146 |
|  | (a) | .. | (a) | 442 | 120 |
| Tons |  | Tons |  | Tons |  |
| 2.532 | 516 | - | - | 2.532 | 516 |
| .. | (a) | .. | (a) $\{$ | 3.528 | 820 174 |
| .. | (a) | .. | (a) | .. | 3.503 |
| - | (a) | .. | (a) | .. | 5.667 |
| .. | (a) | .. | (a) | 29.579 | 18.535 |
| .. | (a) | .. | (a) | 2.949 | 3.613 1.082 |
| .. | (a) | .. | (a) | 2.340 | 2.018 |
| 5.480 | 1.187 | 1.497 | 311 | 6.977 | 1.498 |
|  | (a) | .. | (a) $\{$ | 11.245 | 3.638 63 |
| $\begin{gathered} \text { Th. doz } \\ 114 \end{gathered}$ | ${ }_{56}^{126}$ | $\}^{\text {Th. doz. }}$ |  | Th. ${ }^{\text {doz }}$ 114 $\cdots$ .. | 126 56 |
| 119 | 131 | 7 | 9 | 126 | 140 |
| .. | (a) | . | (a) | 9.746 | 601 |
| 514 | 1.248 | 49 | 120 | 563 | 1.368 |
|  | (a) | .. | (a) | $\xrightarrow[\substack{\text { Thous. } \\ 1.830}]{ }$ | 612 |
| .. | (a) | .. | (a) | 197 | 254 |
| Th.gross | (a) | .. | (a) |  | 353 |
| 485 | 209 | - | (a) | 485 | 209 |
| Tons |  |  |  | Tons |  |
|  | (a) | .. | (a) | 2.152 | 1.070 |
| 3.117 | 1.537 | - | - | 3.117 | 1.537 |
| .. | (a) | .. | (a) $\{$ | 8.379 | 4.047 104 |
| .. | (a) | .. | (a) $\{$ | ${ }^{529}$ | ${ }_{81}^{352}$ |

11/A/22
TABLE 20 (contd.)

|  | England and Wales |  | Scotland |  | Great Britain |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Value | Quantity | value | Quantity | Value |
|  | Th.pairs | $\mathrm{E}^{\circ} 000$ |  | £.000 | Th.pairs | £.000 |
| Other output (contd.) <br> Insulating materials other than cloth and tape | .. | 219 | - | - | .. | 219 |
| Parts and accessories (not wholly of rubber) of motor vehicles (other than motor cycles) and pedal cycles | .. | 187 | - | - | .. | 187 |
| Chemical manufactures including varnishes. dyes, stains, inks, polishes and artists colours | .. | 511 | - | - | ... | 511 |
| Boots, shoes, sandals and slippers, not wholly of rubber, and parts thereof | 35 | $\begin{aligned} & 31 \\ & 59 \end{aligned}$ | - |  | \{.$^{35}$ | 31 59 |
| Machinery, parts and accessories, other than moulds | Th.cwts. | 656 | - | - | Th.cwte. | 656 |
| Other engineering products | .. | 354 | - | - | .. | 354 |
| Synthetic rubber | 5.2 | 84 | - | - | 5.2 | 84 |
| other goods | .. | 1.935 | .. | 275 | .. | 2.210 |
| Work done (b) |  | 43 |  | - |  | 43 |
| Total |  | 229.342 |  | 22.455 |  | 251.797 |

(a) Total
(b) Amount Charged.

Stocks of products on hand for sale and work in progress
and stocks of materials and fue
Larger establishments
TABLE 21

|  |  | England and Wales | Scotland | Great Britain |
| :---: | :---: | :---: | :---: | :---: |
| Products on hand for sale | $\left\{\begin{array}{l}\text { at beginning of year } \\ \text { at end of year }\end{array}\right.$ | 5.110 9.809 | $\begin{array}{r} 810 \\ 1.200 \end{array}$ | $\begin{array}{r} 5.919 \\ 11.010 \end{array}$ |
| Work in progress | $\left\{\begin{array}{l}\text { at beginning of year } \\ \text { at end of year }\end{array}\right.$ | 4. 3.322 6.441 | $\begin{aligned} & 633 \\ & 847 \end{aligned}$ | $\begin{aligned} & 4.985 \\ & 7.288 \end{aligned}$ |
| Total products on hand for sale and work in progress | $\left\{\begin{array}{l} \text { at beginning of year } \\ \text { at end of year } \end{array}\right.$ | $\begin{array}{r}\text { 9. } \\ 16.252 \\ \hline 180\end{array}$ | 1.442 2.047 | $\begin{aligned} & 10.904 \\ & 18.297 \end{aligned}$ |
| Materials and fuel | $\left\{\begin{array}{l} \text { at beginning of year } \\ \text { at end of year } \end{array}\right.$ | $\begin{aligned} & 20.078 \\ & 31.810 \\ & \hline \end{aligned}$ | $\begin{array}{r} 2,334 \\ 3.861 \\ \hline \end{array}$ | $\begin{aligned} & 22.413 \\ & 35.671 \\ & \hline \end{aligned}$ |

Employment in September Larger establishments (a)(b)
$\begin{array}{cl}\text { TABLE } \\ \text { (i) } & 22 \\ \text { Operatives }\end{array}$

|  | England and Wales | Scotland | Great Britain |
| :---: | :---: | :---: | :---: |
| Males Under 18 All ages | $\begin{array}{r} 1.659 \\ 50.205 \end{array}$ | $\begin{array}{r} 235 \\ 5.595 \end{array}$ | 1.894 55.800 |
| Under 18 All ages | $\begin{array}{r} 1.430 \\ 24.197 \end{array}$ | $\begin{array}{r} 403 \\ 2.788 \end{array}$ | $\begin{array}{r} 1.833 \\ 26.985 \end{array}$ |
| Total <br> Under 18 <br> All ages | $\begin{array}{r} 3.089 \\ 74.402 \end{array}$ | $\begin{array}{r} 638 \\ 8.383 \end{array}$ | $\begin{array}{r} 3.727 \\ 82.785 \end{array}$ |

ABLE 22 (conber COUNTRY TABLES
11/ $\mathrm{A} / 23$
(ii) Administrative, technical and clerical employees

|  | England and Wales | Scotland | Great Britain |
| :---: | :---: | :---: | :---: |
| Males <br> Under 18 All ages | $\begin{array}{r} 411 \\ 10,849 \end{array}$ | $\begin{array}{r} 70 \\ 1.368 \end{array}$ | 12.217 |
| Under 18 All age | $\begin{array}{r} 932 \\ 5,921 \end{array}$ | $\begin{aligned} & 203 \\ & 819 \end{aligned}$ | $\begin{aligned} & 1.135 \\ & 6.740 \end{aligned}$ |
| Total <br> Under 18 All ages (c) | 1.343 16.770 | 273 2.187 | 1.616 18.957 |
| (iii) Total employees | Number |  |  |
|  | England and Wales | Scotland | Great Britain |
| Males Under 18 All ages Females | $\begin{array}{r} 2.070 \\ 61.054 \end{array}$ | 305 6.963 | 2.375 68.017 |
| Females Under 18 All ages | $\begin{array}{r} 2.362 \\ 30.118 \end{array}$ | $\begin{array}{r} 606 \\ 3.607 \end{array}$ | $\begin{array}{r} 2.968 \\ 33.725 \\ \hline \end{array}$ |
| Total Under 18 All ages (c) | 4.432 91.172 | 911 10.570 | 5.343 101.742 |

(a) Excluded employees. The number of persons employed at the larger establishments in this trade but not
(b) Number employed in the week ended September 22, 1951.


|  | England and Wales | Scotland | Great Dritain |
| :---: | :---: | :---: | :---: |
| Males <br> Females | 16 2 | 2 | 18 2 |
| Total | 18 | 2 | 20 |
| (v) Fxcluded employees |  |  | Number |
|  | England and Wales | Scotland | Great Britair |
| $\begin{gathered} \text { Canteen workers } \\ \text { Males } \\ \text { Females } \end{gathered}$ | $\begin{array}{r} 54 \\ 796 \end{array}$ | $\begin{array}{r} 3 \\ 90^{3} \end{array}$ | $\begin{gathered} 57 \\ 886 \end{gathered}$ |
| Total | 850 | 93 | 943 |
| Other workers Males Females | 1.037 | 35 | $\begin{array}{r} 769 \\ 303 \\ \hline \end{array}$ |
| Total | 1,037 | 35 | 1.072 |
| Total excluded employees | 1,887 | 128 | 2.015 |


| Larger establishments (a) |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: |
| TABLE 23 Number |  |  |  |  |
| Operatives | England and Wales | Scotland | Great Britain |  |
| Administrative, technical and clerical | 72,710 | 8,378 | 81,088 |  |
| employees | 16,308 | 2,167 | 18,475 |  |
| $\quad$ Total | 89,018 | 10,545 | 99,563 |  |

(a) For employment in small firms (employing on the average ten or fewer persons) that made satisfactory
returns see Table 19. addition to the employees shom the firms in this trade employed 83 male and (5536/2)

| TABLE 24 | $\varepsilon^{\circ} 000$ |  |  |
| :---: | :---: | :---: | :---: |
|  | England and Wales | Scotland | Great Britain |
| Wages and salaries (a) of |  |  |  |
| Operatives | 25,794 | 2.733 | 28.532 |
| Administra employees | 8.506 | 912 | 9.418 |
| Total | 34,301 | 3.650 | 37.950 |
| Employers ${ }^{\circ}$ contributions to all National Insurance Schemes | 889 | 99 | 988 |

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

their own work people included in the return: and
consumable tools and parts for machinery purchased as
cent
 purchased and re-sold in the same state (that is.
merchanted or factored qoods) were excluded. For
1951 firms in in many trades were required to stote
19 the Stocks and work Stocks and work in progress: Firms
to give these at income tax value. Output: Sales mens sales during the year of goods
made in the establishment covered by the return
 Year or not. For all positwar censuses the value
of sales was the net selling value. that is. the
amount chat of sales was the net selling value. that is. the
amount charged to customers. Whether on an ex.
worksor diliveried basis. and net of any trade
discounts. agents comissiond in
 on a delivered basis to uastomers or oveoseas. firms
mere required to give the f.o.b. value. Gross output of a trade is the total value of goods
made and other work done during the year: this made and other work done during the year, this
means the value of sales and work done during the
year adjusted for changes in the values of stocks. Net output is the amount left after deducting from the
value of gross output the aggregate of the cost Value of gross output the aggeregate of the cost o
materials and fuel used and the amount paid for worl
aiven out and, for 1951 , any transprest given out and, for 1951 , any transport parment
included in firms returns This ropresents the
value added to materials by the prose
 ents, rates and taxes, advertising and or her selling
expenses and all other similar charges have to b met as well as depreciation and profits
Customs and Excise Duty paid on materials purchase
is included in the cost of materials, but where it 8 especially important separate figures are shown Later reports: Reports will be published later
sumarising the main cemsus results and giving inn
formation about power equipment and fuel consumption. formation about power equipment and fuel consumption
Disclosure of information: The report has been pre pared in con formity with the disclosure provision
of the Statistics of Trade Act. 1947 . Figures have been combined with others of a similar natare in
certain cases wheree publication of separate de tails
might disclose the operations of an individual fit Symbols used: $\because$ for Not avai lable' $\because$ negligible fie
 The figures in the tables have been rounded off apparent slight discrepmcy between the sums of the
constituent items and the sto shown Tables 1 to 17 show figures for the United Kingdom
(or Great Britain). or Great Britain).
Tables 18 to 26 are country tables and give. Where
practicable, separate details for England and Wales.
Scotland practicable, separate details for England and Wales,
Cotland and Northern Ireland. Table 6: Specialist producers refer to those estabby value is accounted for by the groups of products by value
Table 8 (or $8(i))$ shows the total sales of principal
products of the trade. and includes there products of the trade. and includes therefore th
sallos of these products returned by es toblishments. Whether classified to the trade or to other trades.
Those produced by establishments in other trades
are shown in Table 9 . Those produce by es
are shon in Table
Table 10 shows the sales by ostablishments in the
trade of products other than those regarded as rade of products other than those regarded as
principal products of the trade. Table 20 (or $20(\mathrm{i})$ ) shows sales by establishments in the trade of products. Whether principal products o
not. and broadly the aggregates here are equal to the


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