THE REPORT on the
CENSUS OF PRODUCTION FOR 1951

## Volume 3

Trade K
AIRCRAFT MANUFACTURE AND REPAIR


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

LONDON: HER MAJESTY'S STATIONERY OFFICE

PRICE is 6d NET

Summary

Larger establishments (a)

|  | United Kingdom |  |  | Great Britain |  | United |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1951 | 1950 | 1949 | 1949(b) | 1948 | 1935 |
|  | $\varepsilon^{\prime} 000$ | \&'000 | $8^{\prime} 000$ | ¢.000 | ¢.000 | ${ }^{\text {¢ }} 0.000$ |
|  | 188.757 | 151.055 130 | $\begin{array}{r}140.440 \\ \hline 80\end{array}$ | $\because$ | 113.826 <br> 2.676 | 14,328 |
| Cost of materials and fuel used (d) Payment for work done on materials given out <br> Transport payments (e) | 73.487 | 56.344 | 52.236 | .. | 42.462 | 5.391 |
|  | 15.102 65 | 14.842 | 11.002 | .. | 6.33 | 270 |
| ( $\begin{aligned} & \text { Net output } \\ & \text { Wages and salaries of persons employed }\end{aligned}$ | $\begin{aligned} & 99.515 \\ & 6.81 .154 \\ & \text { No. } \end{aligned}$ | $\begin{aligned} & \text { 79.999 } \\ & \text { S5.7.75 } \\ & \text { No. } \end{aligned}$ | $\begin{aligned} & 77.482 \\ & 5.5 .784 \\ & \text { So. } \end{aligned}$ | No. | $\begin{aligned} & 67.799 \\ & 49.49 \\ & \text { So } \end{aligned}$ | 8.667 No.: |
| Average number of persons employed ( $f$ ) | ${ }^{157}{ }_{\varepsilon}^{454}$ | ${ }^{142.617}$ | ${ }^{143.172}$ | $\ddot{\varepsilon}$ | ${ }^{134}{ }_{\underline{\Sigma}} 046$ |  |
| Net output per person employed (f)Stocks at end of year | 632 | 561 | 541 | .. | 505 | 241 |
|  | ¢ 000 | $\varepsilon \cdot 000$ | \& 000 | \& 0000 | $\varepsilon^{\prime} 000$ | \&.000 |
| Products on hand for sale and Materia in proqress | $\begin{gathered} 91.555 \\ \text { cis. } 156 \\ \text { No. } \end{gathered}$ | 72.233 <br> 12.065 <br> No. | 63.809 inl No.911 | No. | $\begin{aligned} & 62.252 \\ & \text { Li.65 } \\ & \text { No. } 67 \end{aligned}$ | No. |
| Number of es tabli shments | 215 | 195 | 184 | .. | 195 | 57 |
| The values of gross output and of materials and fuel used are derived in the foll |  |  |  |  |  |  |
|  | $£^{*} 000$ | £.000 | £.000 | £. 000 | ¢'000 | £. 000 |
| Output of firms in this trade | 156.601 <br> 13.150 | 142.815 | 141.687 | .. | 104.793 6.491 | 12.882 147 |
| Changes in stocks and work in progress ( j ) | +19.006 | + 8.432 | 901 | .. | + 2.696 | + 1.299 (k) |
| Less payment for transport outwards (e) | 188,757 | 151.247 | 140.786 |  | 113.980 |  |
|  |  | 192 | 346 | .. | 154 | 14.328 |
| Gross output (production) | 188.757 | 151.055 | 140.440 | .. | 113.826 | 14,328 |
| Materials and fuel used by firms in this trade |  |  |  |  |  |  |
| Purchases | 79.480 -5.993 | - 56.419 | ${ }_{-}^{52.417}$ | : | 43.356 $-\quad 894$ | 5.391 |
| Materials and fuel used | 73.487 | 56.344 | 52.236 | . | 42.462 | 5.391 |



 cover payments for transport of both goods sold and materials and fuel purchased. For other years payment
cover only (f) Excluding out trorkerst but including vorking proprietors. For an estimate of the total number of persons



AIRCRAFT MANUFACTURE and REPAIR

| TABLE 2 Summary: Small firms (a) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Great Britain |  | United Kingdom | Great Britain |  |
|  | 1951 | 1950 | 1949 | 1949 | 1948 |
| Number of returns | 19 | 8 | 42 | 42 | 24 |
| Average number of persons employed (b) Males Females | ${ }_{10}^{111}$ | ${ }_{26}^{46}$ | ${ }_{35}^{209}$ | 209 35 | 129 20 |
| Total | 121 | 48 | 244 | 244 | 149 |


(b) Including working proprietors

TABLE
Estimated average employment (a): All firms

## As returned by firms

Employing on the average more than ten persons (b)
Employing on the average ten or fewer persons (d)
Estimated average employment in firms not making
satisfactory returns
Estimated average employment in all firms
(a) Including working proprietors.
(b) See Tables 13 (iv) and 14 .
(c) Owing to the risk of
(d) particulars for Great Britain comnot be given. (d) Sae Table 2.
(e) Excluding any small fims in Nomnot be given

Analysis by size, 1951

| Average employed | Establishments | $\underset{\substack{\text { Gross } \\ \text { output }}}{\text { out }}$ | Netoutput | Personsemployed | Remuneration |  |  | $\begin{aligned} & \text { Net output } \\ & \text { per person } \\ & \text { employed } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Operatives | $\begin{gathered} \text { Other } \\ \text { emphoyees } \\ \text { (a) } \end{gathered}$ | ${ }^{\text {Total }}$ |  |
|  | No. | \& 000 | $\varepsilon^{\prime} 000$ | No. | \&. 000 | £.000 | ¢.000 | $\varepsilon$ |
| ${ }_{25}^{11}-24$ | ${ }_{33}^{20}$ | 340 .331 | ${ }_{768}^{232}$ | 385 <br> 1.253 | 98 347 | 43 133 | 141 480 | ${ }_{613}^{602}$ |
| 50-99 | 27 | ${ }_{2}^{1.098}$ | 1.265 | ${ }_{1.913}$ | 499 | ${ }_{276}^{133}$ | ${ }_{7}^{480}$ | ${ }_{661}^{613}$ |
| $100-199$ $200-299$ | 38 16 16 | 6.373 4.052 4 | 3. 578 |  | 1.547 | ${ }^{671}$ | 2.218 | ${ }_{6}^{636}$ |
| ${ }_{300}^{200}-{ }^{299}$ | ${ }_{14}^{16}$ | 5.528 |  | 3.886 4.966 | 1.114 | 580 685 | ${ }_{2.261}^{1.695}$ | 635 680 |
|  |  | ${ }_{88}^{2.649}$ | ¢, 1.647 | ${ }_{8}^{2.745}$ | ${ }^{814}$ | 364 | 1.178 | 600 |
| $\begin{aligned} & 500=749 \\ & 750=999 \end{aligned}$ | 13 <br> 7 | 8.095 6.719 | 5. 276 <br> 3.786 <br> 1.70. | 8.091 5.908 5 | 2.277 1.676 | 1.141 ${ }_{942}$ | 1.418 <br> 2.618 <br> 1.48 | 600 641 648 |
| 1.000 - 1.4999 | 13 | 21.849 |  |  |  |  |  |  |
| $1.500-1.999$ $2.000-2.499$ | 7 | 11.869 | 71.010 | 12.321 | 3.236 <br> .585 | ${ }_{1}^{2.645}$ | ${ }_{4.881}$ | ${ }^{27}{ }_{569}^{660}$ |
| 2.500-2.999 |  |  |  | 15.664 | 4.533 | 2.295 | 6.828 | $663+$ |
| ${ }_{4.000}{ }_{4}^{4.999}$ | $3_{7}-$ | 8.499 36.942 | 4.487 <br> 20.108 | 8. 31.102 31.399 | ${ }_{\text {\% }}^{2.4588}$ | 1.349 <br> 4.383 | 3.807 | 72554 |
| 5.000 and over | 4 | ${ }_{54.159}$ | ${ }_{23,666}^{20.106}$ | 37.809 <br> 3.809 | (11.200 | 4.383 6.028 | - $\begin{aligned} & 13.228 \\ & 17.228\end{aligned}$ |  |
| Total | 215 | 188.757 | 99.515 | 157.454 | 45,325 | 22.839 | 68.164 | 632 |

(90501/3)

| Region | $\begin{aligned} & \text { Estab- } \\ & \begin{array}{l} \text { Es } \\ \text { lish- } \\ \text { men ts } \end{array} \end{aligned}$ | Gross output | Net output |  | Personsemployed | Remuneration |  |  | $\underset{\substack{\text { Net output } \\ \text { per person } \\ \text { employed }}}{ }$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Value |  |  | Operatives | $\begin{aligned} & \text { Other } \\ & \text { employes } \\ & \text { (a) } \end{aligned}$ | Total |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Northern: East and West Ridings Midland | 26 | 28.666 | 15.756 | 15.8 | 21,897 | 6.697 | 2.914 | 9.611 | 720 |
| Eastem | 17 | 26.161 | 8.444 | 8.5 | 12.662 | 3.555 | 2.257 | 5.813 | 667 |
| London and South Eastern | 57 | 28.927 | 16.182 | 16.3 | 24.151 | 7.081 | 3.800 | 10.881 | 670 |
| Southerm | 44 | 15.449 | ${ }^{9} .678$ | 9.7 | 16.539 | 4. 592 | 2.274 | 6.867 | 585 |
| South westerm | ${ }^{23}$ | 39.613 | 18.980 | 19.1 | 31.357 | 8.567 | 5.187 | 13.754 | 605 |
| Midland | 22 | 20.060 | 11.859 | 11.9 | 17.425 | 5.789 | 2.029 | 7.818 | 681 |
| North Western: <br> and Northern Ireland | 15 | 19.112 | 12.542 | 12.6 | 21.405 | 5.787 | 3.095 | 8.882 | 586 |
| Total England Ireland | 204 | 177.988 | 93.440 | 93.9 | 145.436 | 42.069 | 21.556 | 63.625 | 642 |
| wales | 4 | ${ }^{3.853}$ | 2.486 | 2.5 | 3.526 | 967 | 381 | 1.348 | 705 |
| Scotland | 7 | 6.916 | 3.589 | 3.6 | 8.492 | 2.289 | 902 | 3.191 | 423 |
| United Kingdom | 215 | 188.757 | 99.515 | 100.0 | 157.454 | 45,325 | 22.839 | 68.164 | 632 |

Analysis according to specialisation within the trade, 1951
Larger establishments in the United Kingdom
TABLE 6

|  | Establish-ments | ${ }_{\substack{\text { Gross } \\ \text { output }}}$ | $\begin{aligned} & \text { Sales of of } \\ & \text { charactic } \\ & \text { cherisic } \\ & \text { product } \end{aligned}$ | $\begin{gathered} \text { Net } \\ \text { output } \end{gathered}$ | Personsemployed | Remuneration |  |  | $\begin{array}{\|c} \text { Net output } \\ \text { per person } \\ \text { pemployed } \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | perativ | $\begin{gathered} \text { Other } \\ \text { employes } \\ \text { (a) } \end{gathered}$ | Total |  |
|  | No. | £ 0000 | £ 000 | £ 000 | No. | £.000 | £.000 | £ 000 | £ |
| Complete aircraft and airframes | 19 | 49,487 | 28.746 | 20.140 | 28,358 | 8.141 | 4. 544 | 12.685 | 710 |
| Parts and accessories of aircraft. lother than aero-engines. <br> power plant and parts thereof) <br> Remainder of the trade | $\begin{array}{r} 63 \\ 133 \end{array}$ | $\begin{gathered} 24,240 \\ 115.029 \end{gathered}$ | 15,021 | $\begin{aligned} & 14,015 \\ & 65,359 \end{aligned}$ | $\begin{array}{r} 22.140 \\ 106.956 \end{array}$ | $\begin{array}{r} 6.567 \\ 30.617 \end{array}$ | $\begin{array}{r} 2.873 \\ 15.423 \end{array}$ | 9.440 46.039 | $\begin{aligned} & 633 \\ & 611 \end{aligned}$ |
| Total | 215 | 188.757 |  | 99.515 | 157.454 | 45,325 | 22,839 | 68.164 | 632 |

(a) Administrative, technical and clerical employees.

TABLE 7 - Total make of aero-engines: Larger establishments
The total number of aero-engines made. including those made by establishments classified to other
trades. was 4.581 in 1951 and 3.199 in 1948 .

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

| LABLE 8 |
| :--- |
| Larger establishments |

Sales of principal products of the trade by establishments classified to other trades
Larger establishments
TABLE 9

|  | United Kingdom |  |  | $\mathrm{Great}_{1988}{ }_{\text {Britain }}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Value | Entries | Ouantity | Value |
| Aero-engines, complete and parts | . | $\begin{aligned} & 8.000 \\ & 4.212 \end{aligned}$ | No. |  | $\begin{aligned} & \varepsilon^{\prime} 000 \\ & 2.137 \end{aligned}$ |
| Airframes, propellers and parts, undercarriages. spare parts of aircraft, and accessories and parts not separately distinguished | .. | 5.452 | .. | .. | 5.903 |
| Gliders and sailplanes and parts: parachutes and parts and accessories | .. | 109 | . | .. | 173(a) |
| Development and experimental work including work on prototype aircraft, etc. for which payment was receivable (b) |  | 123 | 6 |  | 75 |
| Repair work, modifications. conversions etc. (b) Work done for the trade or on commission (b) |  | 125 682 | 5 |  | 133 |
| Total |  | 10.704 | .. |  | 8.420 |

(a) Including model aircraft, other than toys.
(b) Amount charged.

Sales in the trade of other than principal products
Larger establishments

| TABLE 10 Larger establishments |
| :--- |

TABLE 11 - Production, exports and imports of certain principal products
Owing to differences in classification a comparison between production and oversea trade is impracticable.

Usage of certain specified purchased materials, 1951 (a) Larger establishments in the United Kingdom

| Materials used | Quantity |
| :---: | :---: |
| on- | Th. ton |
| Ingots, billets, blooms and slabs | 0.2 |
| Angles, shapes and sections | 1.7 |
| Girders, joists, beams and pillars (not fabricated) | 1.4 |
| Bars and rods | 8.3 |
| Hoop and strip (including tape) | 2.9 |
| Tin-terne-and black plates and sheets | 0.8 |
| Electrical sheets | - |
| Other plates and sheets |  |
| $1 / 8$ inch thick and over | 5.8 |
| Under $1 / 8$ inch thick | 6.9 |
| Tubes and fittings | 1.6 |
| Wire (single wire) | 0.1 |
| Forgings, in the rough (other than drop forgings) | 1.0 |
| Drop forgings | 1.1 |
| Castings, in the rough | 2.1 |
| Alloy steel (including high speed steel) |  |
| Ingots, billets, blooms and slabs | 0.4 |
| Bars, rods, angles, shapes, sections, girders, joists, beams and pillars (not fabricated) | 7.7 |
| Plates, sheet and strip |  |
| 1/8 inch thick and over | 1.3 |
| Tubes and fittings | 1.4 0.5 |
| Wire (single wire) | 0.1 |
| Forgings, in the rough (other than drop forgings) | 3.9 |
| Drop forgings | 3.6 |
| Castings, in the rough | 1.3 |
| Iron and steel not specified above. except finished parts and scrap | 2.0 |
| Non-ferrous metals in all forms, except finished parts and scrap Aluminium and aluminium alloys | 23.0 |
| Brass and other copper alloys, including nickel silver but excluding all other nickel alloys | 2.1 |
| Copper | 0.3 |
| Zinc and zinc alloys | 0.8 |
| $\mathrm{Z}_{\text {inc }}$ compounds | - |
| Timber (other than reclaimed), including that used for packing or packing case manufacture but excluding joinery, other fabricated woodwork and purchased packing cases | Th. cu. ft. |
| Hardwood Softwod | 124.3 500.8 |

(a) In addition to usage of certain specified purchased materials the following
particulars were recorded of cerocingines, propell ers and undercarriages,
particulars were recorded of ae ro-engines, propellers and undercarriages,
purchased by establi shments in this trade during 1951:-

|  | Number | \& 000 | Entrie |
| :---: | :---: | :---: | :---: |
| Aero-engines (including second-hand) | ${ }^{234}$ | $\left.\begin{array}{l}1,394 \\ 1,030\end{array}\right\}$ | 15 |
| Propellers | 524 | $\left.\begin{array}{r}141 \\ 39\end{array}\right\}$ | 8 |

Employment in September
Larger establishments (a)


(a) Excluded employees. The following persons were employed at the larger establi, thments in thi itrade in 1951
but are not included in the above tables or in any other Census of production report (employess in Great
Britain engaged. for example, in merchonting and in Northern Ireland canteen and wel fare workers):-
$\begin{array}{lllll}\text { Comten workers } & \text { 201 } & \text { Males } & 1.436 & \text { Females } \\ \text { Other workers } & 1.102 & \text { Males } & 260 & \text { Females }\end{array}$
(b) In week ended September 22 . 1951 . September 30 . 1950 and September 24 , 1949 .
(c) 0 wing to the risk of di isclosure of information relating to indi vidual firms in Northern Ireland separate
d) Average for the year.
(e) In reek ended September 22. 1951. September 30, 1950. September 24. 1949. September $25,1948 \mathrm{amd}$ October 12 ,
(f) Working proprietors. In addition working proprietors. shown in Table 13 (iv) below, were engaged in this


TABLE 14 | Average employment |
| :--- |
| Larger establishments (a) |

Shift working, 1951 (a)
Larger establishments in Great Britain
table 15

| Total number of man-shifts worked in the week | $\begin{aligned} & \text { Total number of } \\ & \text { shift-hurs worked } \\ & \text { in the week } \\ & \hline \end{aligned}$ | Number of eturns showing the systems state |
| :---: | :---: | :---: |
| 600 | 4.905 | 2 |
| $\begin{gathered} 67 . \overline{155} \\ 7.315 \end{gathered}$ | $\begin{gathered} 657.917 \\ 69.935 \end{gathered}$ | $\stackrel{13}{9}$ |
| 75.070 | 732.757 | (b) |

(a) Shift working during week ended September 22, 1951 .
(b) The number and percent tage of returns showing shi ft
working and of operatives on shift-work were as follows:

|  | Returns |  | Operatives |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total in in trade | Showing shift-work | Total in trade | $\begin{gathered} \text { Total on } \\ \text { Toturns } \\ \text { chowning } \\ \text { shifteremork } \end{gathered}$ | $\begin{gathered} \text { Number } \\ \text { employed } \\ \text { emphifft } \\ \text { ontrift } \\ \text { work } \end{gathered}$ |
| Number <br> Percentage of total in trade Percentage of total on returns showing shift-work | 100.0 | $\begin{aligned} & 24 \\ & 17^{24} .0(\mathrm{c}) \end{aligned}$ | 100.0 | 58. 265 <br> 53.0 (c) <br> 100.0 | $\begin{gathered} 14.875 \\ 14.0(c) \end{gathered}$ |

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

Larger establishments

|  | United Kingdom |  |  | Great Britain |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1951 | 1950 | 1949 | 1949 (a) | 1948 |
| Wages and salaries (b) of |  |  |  |  |  |
| Operatives Administrative, technical and | 45.325 | 37.479 | 37.655 | . | 32.936 |
| clerical employees | 22,839 | 19.236 | 18.109 | .. | 16.539 |
| Total | 68.164 | 56.715 | 55.764 | .. | 49.475 |
| Employers' contributions to all <br> National Insurance Schemes | 1.581 | 1.427 | 1.448 | .. | 1.054 |

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

|  | United Kingdom |  | Great Britain |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 1951 | 1949 | 1949 (a) | 1948 |
| ${ }_{\text {Plant, machinery }}^{\text {Acquisitions }}$ and vehicles |  |  |  |  |
| $\xrightarrow{\text { Plant }}$ Ner and machinery |  |  |  |  |
|  | ${ }^{3} \mathbf{3} 294$ | ${ }^{1.936}$ | .. | ${ }_{1}^{1.331}$ |
| Vohicles |  |  |  |  |
| Second-hand | 73 | ${ }^{24}$ | .. | 116 |
| Total acquisitions | 4.312 | 2.470 | .. | 3.125 |
| Disposals <br> Plant and machinery <br> Vehicles | 157 83 | 157 39 | : | ${ }_{2}^{211} 4$ |
| Total disposals | 240 | 196 | .. | 255 |
| New building work <br> Capital expenditure on new building and other <br> constructional work of a capital nature <br> excluding site values and development charges) | 1.508 | 642 | .. | 780 |

TABLE 18

Gross output (production)
Coss of materials and fuel used
Payment for work done on materials griven out
Transport payments
Not output
Wages and salaries of persons omployed
Average number of persons employed (b)
Net output per person employed (b)
Stocks at end of year
Products on hand for sale and
Materials in and fuel
Number of establishments
ts

| $\underset{\text { England }}{\text { (a) }}$ | Wales | Scotland | $\underset{\text { Britain }}{\text { Great }}$ | Northern <br> Ireland (a | United Kingdom |
| :---: | :---: | :---: | :---: | :---: | :---: |
| £.000 | ${ }^{\prime} \cdot 000$ | 00 | ¢.000 | £'000 | ${ }^{\prime} 000$ |
| 177.988 | 3.853 | 6.916 |  | .. | 188.757 |
| 68.891 | 1.364 | 3.232 | . | . | 73.487 |
| 15.087 ${ }_{570}$ | 2 | ${ }_{81}^{14}$ |  |  | ${ }_{\text {15 }}^{15} \mathbf{1 0 2}$ |
| 93.440 63.625 | 2.486 | ${ }_{\substack{3.589 \\ 3.191}}$ |  |  | 99.515 68.164 |
|  | No. | No. | No. | No. | No. |
| 145.436 | 3. 526 | 8.492 |  |  | 157.454 |
| $\varepsilon$ | $\varepsilon$ | $\varepsilon$ | ¢ | $\varepsilon$ | ¢ |
|  |  | 423 |  |  | 632 |
| £.000 | £'000 | \&.000 | \& 000 | \& 000 | ع'000 |
| 85.924 17. 522 S | ${ }_{\text {2, }}^{285}$ | 2.780 |  | . | ${ }_{\text {912 }} 9.555$ |
|  |  |  |  |  |  |
| No. | No. | ${ }^{\text {No. }} 7$ | No. | No. | $\stackrel{\text { No. }}{215}$ |

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

|  | £ 000 | \&.000 | $\varepsilon^{\prime} 000$ | $\varepsilon^{\prime} 000$ | $\mathrm{E}^{\prime} 000$ | £ 000 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Output of firms in this trade Total value of sales (see Table 20) Changes in stocks and work in progress (see Table 21) | $\begin{array}{r} 161.493 \\ +\quad 16.495 \end{array}$ | $\begin{array}{r} 2.881 \\ +972 \end{array}$ | $\begin{array}{r} 5.377 \\ +\quad 1.539 \end{array}$ | . | .. | $\begin{array}{r} 169.751 \\ +\quad 19.006 \end{array}$ |
| Gross output (production) | 177.988 | 3.853 | 6.916 | .. | .. | 188,757 |
| Materials and fuel used by firms in this trade |  |  |  |  |  |  |
| Purchases <br> Changes in stocks (see Table 21) | 74.657 -5.766 | 1. ${ }^{1.54}$ | 3.259 $-\quad 27$ |  | , | 79.480 -5.993 |
| Materials and fuel used | 68.891 | 1.364 | 3.232 |  | . | 73.487 |

 and have been included wit thas those for 2 per englend
(b) Including morking proprietors.

TABLE 19 - Surmary: Small firms in Great Britain


Sales in the trade
Larger establishments

| TABLE 20 ( |
| :--- |



[^0]Larger establishments

| ABLE 21 |  | \&.000 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{aligned} & \text { England } \\ & \text { and Wales } \end{aligned}$ | Scotland | $\begin{gathered} \text { Great } \\ \text { Britain } \end{gathered}$ | Northern <br> Ireland | United Kingdom |
| Products on hand for sale <br> Work in progress | $\begin{aligned} & \left\{\begin{array}{l} \text { at beginning of year } \\ \text { at end of year } \end{array}\right. \\ & \left\{\begin{array}{l} \text { at beginning of year } \\ \text { at end of year } \end{array}\right. \end{aligned}$ | (a) | (a) | .. | (a) | $\begin{gathered} 5.170 \\ 6.008 \\ 67.39 \\ 85.497 \\ 85.497 \end{gathered}$ |
| Total products on hand for sale and work in progress | $\left\{\begin{array}{l}\text { at beginning of year } \\ \text { at end of year }\end{array}\right.$ | ( $\begin{aligned} & 71.308(b) \\ & 88.775(b)\end{aligned}$ | ${ }_{2,780}^{1.241}$ | .. | $\left(\begin{array}{l}\text { (b) } \\ \text { b) }\end{array}\right.$ | 72.549 91.555 |
| Materials and fuel | $\left\{\begin{array}{l}\text { at beginning of year } \\ \text { at end of year }\end{array}\right.$ | (11.943(b) | ${ }_{248}^{221}$ | . | ${ }_{\text {(b) }}^{\text {(b) }}$ | 12.164 18.156 |

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

|  | England and Wales | Scotland | Great Britain | Northern Ireland | United Kingdom |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Males Under 18 All ages | 3.981 96.292 | 5.812 | .. | : | 4. 109 102.104 |
| Females $\substack{\text { Under } \\ \text { Ull ages } \\ \text { All }}$ | $\begin{array}{r} 348 \\ 9.931 \end{array}$ | 808 | .. | .. | $\begin{array}{r} 351 \\ 10.739 \end{array}$ |
| $\begin{aligned} & \text { Total } \\ & \text { Under } 18 \\ & \text { All ages } \end{aligned}$ | $\begin{array}{r} 4.329 \\ 106.223 \\ \hline \end{array}$ | 131 6.620 | :. | $\because$ | 4. 460 112.843 |
| (ii) Administrative, technical and clerical employees Number |  |  |  |  |  |
|  | England and wales | Scotland | Great Britain | Northern Ireland | United Kingdom |
| Males Under 18 Unl ages Females | 730 34.792 | 48 1.400 | . | $\because$ | $\begin{array}{r} 78 \\ 36.192 \end{array}$ |
| Under 18 | $\begin{array}{r} 1.522 \\ 13.357 \\ \hline \end{array}$ | $\begin{aligned} & 120 \\ & 673 \end{aligned}$ | .. | .. | $\begin{gathered} 1,642 \\ 14,030 \end{gathered}$ |
| Total <br> Under 18 <br> All ages (c) | $\begin{array}{r} 2.252 \\ 48.149 \end{array}$ | $\begin{array}{r} 168 \\ 2.073 \end{array}$ | . | . | 2. 420 50.222 |

TABLE 22 (contd.)

|  | England and Wales | Scotland | Great Britain |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
| Males $\begin{gathered}\text { Under } 18 \\ \text { Ald } \\ \text { ates }\end{gathered}$ | 4.711 |  |  |  |  |
| Females | 131.084 | 7.212 |  |  | 138.296 |
| Under 18 All ages | $\begin{gathered} 1,870 \\ 23,288 \end{gathered}$ | $\begin{array}{r} 123 \\ 1.481 \end{array}$ | . | . | $\begin{array}{r} 1,993 \end{array}$ |
|  |  |  |  |  |  |
| Under 18 <br> All ages (c) | $\begin{array}{r} 6.581 \\ 154.372 \end{array}$ | $\begin{array}{r} 299 \\ 8.693 \end{array}$ | $\because$ | , | $\begin{array}{r} 6,880 \\ 163.065 \end{array}$ |

(a) Excluded employees, The number of persons employed at the larger establishments in this trade but not engaged, for example. in merchanting and in Northerm Ireland canteen and welfare workers) are shown in
(b) Tumber emploped in the week ended September 22 , 1951 .
(c) Working proprietors.
In addition working proprietors, shown in Table $22(i v)$ below, were engaged in this
. Auge
(iv) Working proprietor

|  | England and wales | Scotland | Great Britain | Northern Ireland | United Kingdom |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Canteen workers |  |  |  |  |  |
| Males <br> Females | $194$ | $\begin{array}{r} 7 \\ 27 \end{array}$ | .. | . | 201 |
| Total | 1.603 | 34 | .. | .. | 1.637 |
| Other workers <br> Males | ${ }_{271}^{939}$ | ${ }_{131}$ | .. | . | 1. 102 |
| Total | 1. 210 | 152 | .. | .. | 1.362 |
| Total excluded employees | 2,813 | 186 | .. | .. | 2.999 |

Average employment
Larger establishments (a)
TABLE 23

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

Larger establishments

|  | Englomd and | Scotland | $\underset{\text { Britain }}{\text { Great }}$ | Northern <br> Ireland (a) | United Kingdom |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Wages and salaries (b) of Operatives daministrative, technical and clerical employees | $\begin{aligned} & 43.036 \\ & 21,937 \end{aligned}$ | $\begin{array}{r} 2.289 \\ 902 \end{array}$ | .. | .. | $\begin{aligned} & 45,325 \\ & 22.839 \end{aligned}$ |
| Total | 64,974 | 3.191 | .. | .. | 68.164 |
| Employers' contributions to all National Insurance Schemes | 1.498 | 83 | . | .. | 1.581 |


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

|  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | England and | Scotland | Great Britain | Northern Ireland ( $\alpha$ ) | United Kingdom |
| Plant. machinery and vehicles Acquisitions |  |  |  |  |  |
|  |  |  |  |  |  |
| Normd-hand | 3.245 453 | ${ }_{27}^{49}$ |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| Total acquisitions | 4.27 | 86 | .. | .. | 4.312 |
| Disposals <br> Plant and machinery Vehicles | 155 64 | 3 19 | .. | .. | ${ }_{83}^{157}$ |
| Total disposals <br> New building work <br> Capital expenditure on new building and other constructional work of a capital nature (excluding site values and development charges) | 218 | 22 | .. | .. | 240 |
|  | 1,502 | 6 | .. | .. | 1. 508 |

(a) Oing to the risk of disclosure of information relating to individual firms. particulars for Northem

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

Larger establishments

| TABLE 26 | \& 000 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | England and wales | Scotland | $\begin{gathered} \text { Great } \\ \text { Britain } \end{gathered}$ | Northern Ireland | United Kingdom |
| Amounts paid to other firms and undertakin | $398(a)$ | 31 | .. | (a). | 429 |
| transport organisations | 173 | 50 | 224 | - | 224 |
| Total | 572(a) | 81 | .. | (a) | 653 |

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[^0]:    (a) Owing to the risk of disclosure of information relating to individual firms, particulars for Northern Ireland cannot be given separately Owing to the risk of disclosure of information relating
    (b) Owing to the risk of disclosure of information relating to individual firms, separate particulars cannot be given
    (c) Amount charged.
    (c) Amount charged.

