## The Report on the

## Census of Production

$$
\text { for } 1954
$$

## Volume 5: Industry H

SCIENTIFIC. SURGICAL AND PHOTOGRAPHIC INSTRUMENTS, ETC.


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

[^0]

The following notes describe terms in general use
the tables of the report Mere detailed explanations of the terms used and a description of the scope
and method of taking the census are given in the sepr-
 duction
net). net).
 Standard Industrial Classification. Certain products
are identified as the principal products of individual
ind
 duction. The principle of clasification normally
followed is that an astablishment is classified to an
findustry if its output of the principal products of that industry if its output of the principal products of that
industry accounted for a qraeter proportion of the value
and of its output than did its
ducts of any other industry.
Specialist producers normally comprise those establish-
ments so per cent. or more of whose oral output by ments is per cent. fr more of whose total output by
value is accounted for by the characteristic products of
the specialist qroup. value is aceounter
Intermediate products: For some industries figures are
given showing the total quan given showedate products. i.e. products nith may be
of intermediat
further processed in the estabishments in which they further proce
are produced.
Larger establishments: The information given in the report reithes mainly irms employing on the average more

 or fartory). Offices. Warehouses. Laboratories and
other andiliary places of busines situated apart f rom
othe producing works are not regarded as separate estabthe producing works are not reearaded as separate estab-
insments and are included in the return for the works. Small firms are those omploying on the average 10 or
ferer persons The estimates for the industry as a whole given in
Table 1 are normally obtained by increasing the other Table 1 are normally obtained by increasing the other
items shown in the same proportion as total employment. Gross output (production) is the total value of goods
made and other ork done during the year: it is obtainmade and other whe value of sales and work done during
od by djasting the val
the year for changes in the value of stocks of products the year for changes in the value of s.
on hand for sale and work in progress.
Net output is the amount left after deducting from the
value of gross output the aggregate of the cost of materials and fuel used, the agount paid for cork tiven mat.
and, for 1951 and 1954 . any transport payments made. This represents the value added don anterials by the pro-
cess of production, and constitutes the fund from which

 ion for it, whether produced in the year or not. The
value of sales is the net selling value. i. . the value of sales is the net selling value. i.e. the
amount charged to customers. hether on an exx orks or
delivered basis. and net of any trade discounts. agents.
 cust oners vers ocas. firms were required to give. the
fob.b. value. Materials and fuel. The total cost of materials and
fuel purchased includes ald purchases during the year
of materials for use in production. and of fuel (includ-
ing oil, gas and olectricity) for all purposes: packing
materiais. including the full cost of returnable case materiais,
when first purchased: workshop and office materials
water
 plant and vehicles when carried out by firms. own vork.
people included in thir returns: consumale tools:
and parts for machinery purchased as replacements and parts for machinery purchased as replacenents.
Purchases of goods for merchanting are exxluded. The
Cost
 obtained by adjusting purchas
year in the value of s tocks.
Stocks: Firms were required to give stocks of materials
and fuel. products on hand for sale, and work in pro and fuel. product ts on hand
gress. at income tax values.
Customs and Excise Duty paid on materials purchased is
no rmally included in the cost of materials. Finished normally included in the cost of materials. Finished
goods are similarly valued as they were sold, duty-paid. goods ate similarly valued as they were sold, duty-paid
orde net ane amount of any dutypaid is de-
ducted in arriving at net output.
Employment: Total employment includes working proprietEmployment: Total employment includes working propriet
ors. amdinistrative. techn ical and clerical employees.
and operatives. but excludes outworkers. canteen employand aperatives, but excludes outworkers. canteen employ
aees and porsons engaged in merchanting or any other ac
 separately as excluded amployes. Employes are per
sons on the pay-roll (i.e. persons whose National In.

Horking proprietors are proprietors of businesses other than limited companies. toge ther with members of their
families who worked in the business without receiving families who worked in the business Nithout receiving
fixed wage or salaries. Any persons working less than
half the normal hours are oxcluded. For Northern half the normal hours are oxcluded. For Northern
Ireland directors of limited oompanies (other than those
paid by fee only) are also included Ireland directors of imited companie.
paid by fee only) are also included.
Administrative, technical and clerical employees include
directors. other than those paid by fee only (except in
 foremen: research, experimental. developent, technical
and design employees (other than operatives): draughto and and n employes travellers; and office (including
men and traers; Operatives include all other classes of
broady speaking, all manual workers.
Outworkers are persons omployed by the firir the firm in their who work on hages and salaries include all overtime payments, bonus-
os and commissions vithout any deductions for income tax
 Cepital expenditure includes expenditure on nem building apital account during the year. including any transpor It includes expendi.
tare ins tallation oosts involved.
tespect of establishnents in Great Britain which
 had not hegun production be fore the end of
(Thich has oneviously been included in the
Production reports for individual industries). Symbols used:
for not avallable
for nil or negligible (less than half the final
digit shown).
digit shown).
Where figures are rounded, e.g. given to the near
$\varepsilon$ thousand, there nay be aparent slight discrepal ost E thousand. there may be apparent stight discrepan-
cies between the sums of constituent items and the totals shown. In some cases, figures have been combined
ith others of a similar nature where publication of separate de tails might dis
an individual undertaking.

| Estimates for the industry as a whole |
| :--- |
| TABLE 1 |


Summary of returns received
TABLE 2


[^1]5/H/4
SCIENTIFIC, SURGICAL AND Photographic instruments, etc

| Average numberemployed (a) | $\begin{aligned} & \text { Estab- } \\ & \text { 1ish } \\ & \text { ment } \end{aligned}$ | $\underset{\substack{\text { Gross } \\ \text { out put }}}{\text { ction }}$ | Netoutput | Employees |  | Wages and salaries |  | $\begin{aligned} & \text { Capital } \\ & \text { expendi ture } \\ & \text { (b) } \end{aligned}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | atives | Oth | Ope | Others |  |  |
|  | Number | 00 | £'000 | Number | Number | $8 \cdot 000$ | £.000 | 000 | $\stackrel{\text { ¢ }}{ }$ |
| 11-24 (c) | ${ }_{163}^{243}$ | ${ }^{3} \mathrm{~B} \cdot 2980$ |  | 3.131 4.712 | 728 <br> 1.035 | 1.164 | ${ }_{6}^{403}$ | 116 <br> 126 | 643 647 647 |
| 25-49 | 163 129 | 6.232 11.214 | ${ }_{6} 6.152$ | ${ }^{\text {4, } 509}$ | 1.816 | ${ }_{2}^{1.736}$ | 1.069 | 255 | 660 |
| ${ }_{100}$ - 199 | ${ }_{81}^{89}$ | 13.703 8.471 8.4 |  | 8.909 5.616 8.65 | 2,508 <br> 1,408 <br> 1,45 |  | ${ }_{1}^{1.460}$ | 331 269 2 | 775 776 |
| ${ }_{300}^{200}-{ }^{299}$ | ${ }_{23}^{29}$ | 8.47 <br> 11.725 | ¢. ${ }_{\text {S78 }}$ | 5.738 | 2.015 | 2,302 | 1.174 | ${ }_{216}^{229}$ | 848 |
| ${ }_{400}-{ }_{499}$ | 6 | ${ }^{3.417}$ | 2.338 | S.050 | ¢ 1.739 639 | 2,856 2.119 | (357 <br> 954 <br> 54 | 85 208 | 870 746 |
| 5750-749 | ${ }_{5}^{11}$ | 5.007 | 3.077 |  | 1.108 | ${ }_{1}^{2.376}$ | 632 | 194 | 733 |
| 1, $0000{ }^{\text {- }}$ 1.499 | 5 | 8.610 83.713 | ( $\begin{array}{r}5.637 \\ 12.211\end{array}$ | 4.412 7.997 | + ${ }_{3}^{1,827}$ | ${ }_{3}^{1.845}$ | 2, ${ }_{2}^{1.055}$ | 210 1.065 | ${ }_{1}^{9031}$ |
| Total | 700 | . 792 | 61.412 | 58.210 | 18,728 | 23.647 | 10.811 | 3.074 | 798 |

(a) Excluding outworkers and including working proprietors.
(c) Inctuding 33 estabsitishments with th fever than production. 11 persons employed, particulars of which were included

Analysis according to specialisation within the industry, 1954

| TABLE 4 | Larger establishments in the United Kingdom |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Unit | Specialist producers of |  |  |  |  |  |  | Remainder of dustry | Total |
|  |  | A. Oph thalmic instruments and appliances. <br> B. Other optical instruments and appliances and parts thereof. <br> C. Dental instruments, appliances and equipment. D. Medical. surgical. veterinary and dissecting instruments. <br> appliances and equipment (including repair work on surgical <br> instruments) <br> E. Photographic and cinematograph apparatus and appliances. <br> . Sensitised photographic plates and films and photographic <br> G. Scientific, engi <br> appliances, not elsewhere speci fied. ${ }^{\text {tc. }}$ instruments and <br> specifie |  |  |  |  |  |  |  |  |
|  |  | A | B | c | D | E | F | G |  |  |
|  | No. | 195 | 37 | ${ }^{23}$ | 136 | 33 | 25 | 207 | 44 | 700 |
| Total value of sales and work done | £. 000 | 10.837 | 6,509 | 2. 537 | 8.016 | 3. 538 | 24. 531 | 40.757 | 6.228 | 2,9 |
| Sales of characteristic products |  | 10,398 | 5.244 | 2.380 | 6.702 | 3,036 | 21.714 | 34, |  |  |
| ${ }_{\text {Products }}^{\text {pron }}$ (end for sale ${ }^{\text {at beginning }}$ |  | 809 | 1,682 | 617 | 759 | 542 | 1.646 | 6,964 | 1.364 | 14.381 |
| hand work in hate and change during cher |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {cher }}^{\text {progress }}$ (ross output (production) | .. | $+\quad 68$ 10.906 | + 80 <br> 689 | - ${ }^{58} \times 18$ | + 8.059 | +62 3.600 | $\stackrel{+}{+}{ }_{25,159}^{628}$ | - 40.547 | +225 6.453 | + + 839 103.792 |
| Purchases of materials and fuel |  | 431 | 671 | 962 | 2.906 | 1.426 | 13,097 | 13.049 | 2.108 | 39,651 |
| Stocks of $\quad\left[\begin{array}{c}\text { at beginning } \\ \text { of year }\end{array}\right.$ | . | 1.184 | 532 | 401 | 985 | 285 | 3.883 | 4,368 | 732 | . 369 |
| materials and fuel $\quad\left\{\begin{array}{c}\text { change during } \\ \text { year }\end{array}\right.$ | .. | 104 |  |  | 32 | + 1 | 140 | - 197 | + 107 | - 105 |
| Cost of materials and fuel |  | 4,327 | 1.674 | 971 | 2,874 | 1.425 | 13.238 | 13.246 | 2.001 | 39.755 |
| Payment for work done on |  |  |  |  |  |  |  |  |  |  |
| materials given out | $\because$ | 29 <br> 29 | 89 27 | 13 | ${ }_{57}^{98}$ | 96 <br> 27 | 68 103 | ${ }_{1}^{1.574}$ | ${ }_{63}^{110}$ | 2.073 |
|  |  | ¢6.523 <br> 9.345 <br> 15 | 4.798 <br> 4.873 | ${ }_{2}^{1.485}$ | 5.030 | 2. 052 | 11.750 | 25.494 | ${ }_{5}^{4} .279$ | ${ }_{\text {61 }}^{61.412}$ |
| Average number $\begin{gathered}\text { Operatives } \\ \text { of employees } \\ \text { Others }\end{gathered}$ | $\stackrel{\text { No. }}{ }$ | - $\begin{aligned} & \text { 9,345 } \\ & 1.549\end{aligned}$ | 4.873 1.557 | ${ }_{2}^{2.014} 4$ | 5.878 1.379 | 1. 9695 | 6.179 3.493 | 22.761 | 5.165 1.457 | 58.210 18.728 |
| Total employment (a) | $\cdots$ | 10.909 | 6.431 | 2. 442 | 7.275 | 2. 563 | 9.672 | 31.067 | 6.636 | 76.995 |
| Net output per |  |  |  |  |  |  |  |  |  | 798 |
| Wages and salaries | . 000 | 3.322 883 | 2. ${ }^{\text {. }} 876$ | ${ }_{239}^{699}$ | - 2.182 | 818 <br> 342 | 2, 2.812 | 9.588 4.708 | 2.211 ${ }_{837}$ | 23.647 10.811 |
|  |  |  |  |  |  |  |  |  |  |  |
|  | .. | 135 | 54 136 | 67 | 75 | 12 96 |  | ${ }_{705}^{218}$ | 30 106 | 764 1.915 |
| machinery \disposals | $\because$ |  |  |  | 6 | 11 |  |  |  |  |
|  | ) $\because$. |  |  |  |  | 115 | 54 | 168 38 | ${ }_{17}^{41}$ | 396 109 |

(a) Excluding outworkers and including working proprietors.
(b) Excluding expendi ture for establi shments not yet in production

Larger establishments in the United Kingdom

| TABLE 5 |
| :--- |


|  | 1951 |  | 1954 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Quantity | value | Quantity | Value | Entries |
| Medical. surgical. Veterinary and dissectinginstruments. applicnces and equipent (otherthan opticoi. ophthalimic and electrical anddressings) (contd.) |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| Medical and surgical | .. | 1.868 | . | 1.539 | 53 |
| Other | . | 97 | $\ldots$ | 63 | 10 |
| Sterilising equipment including autoclaves | . | 735(c) | .. | 914 | 41 |
| Anaesthetic and resuscitation apparatus | . | .. | . | 476 | 12 |
| Aseptic hospital furniture | .. | 949 | .. | 1.107 | 50 |
| Surgical sutures | ${ }_{\substack{\text { Thousands } \\ 5.906}}^{\text {a }}$ | 602 137 | $\underbrace{\text { and }}_{\substack{\text { Thousands } \\ 3.112}}$ | ${ }_{567}^{277}$ | 8 |
|  | $\mathrm{Th}_{\mathrm{L}}$ doz. |  | Th . doz. |  |  |
| Surgical hosiery | 150 | 1.149 | 110 | ${ }_{318}^{627}$ | 22 |
| Artificial limbs <br> Other appliances. including trusses, kut excluding artificial eyes | .. | 696 | .. | 527 | 9 |
|  | .. | 1.518 | .. | 2.017 | 55 |
| Other equipment | .. | 747 | . | 330 | 27 |
| Total dental, medical, surgical, veterinary and dissecting instruments, appliances and equipment (other than optical, ophthalmicand electrical, and dressings) |  |  |  |  |  |
|  |  | 12,166 |  | 11.731 | .. |
| Photographic and cinematograph apparatus and appliances | Thousands |  | Thousands |  |  |
| Cameras. completeCine cameras |  |  |  |  |  |
|  | 6.2 | 189 | 11.4 | 329 42 | 10 |
| Still camerasPrecision |  |  |  |  |  |
|  | 1.3 | 84 157 | 1.9 | 54 457 | 10 |
| OtherFolding |  |  |  |  |  |
|  | 185 | 644 87 | 135 | 385 219 | 7 |
| Box | 1.275 | 1.008 | 1.485 | 1.005 | .. |
| Projectors, complete |  |  |  |  |  |
| Cinematograph projectors (excluding sound reproducing apparatus sold separately) |  |  |  |  |  |
| Standard ( 35 mm . gauge) Sub-standard | 0.5 | ${ }_{23}^{99}$ | 0.7 | 320 | 5 |
| Sub-standard16 mm . gauge |  |  |  |  |  |
|  | 8.3 | 531 | 2.4 | 238 654 | ) 7 |
| Other | 24.5 | 292 | $\stackrel{.6}{6}$ | 74 <br> 78 <br> 228 | 8 |
| Still projectors <br> Other photographic and cinematograph apparatus and accessories (except lenses and photographic chemicals) | 10.6 | 267 | 33.9 | 228 393 | 8 |
|  |  |  |  |  |  |
| Cinematograph (including cinematograph film. <br> blank (raw film or stock)) | .. | 5.053 | .. | 5,476 | 16 |
| Other than cinematograph |  |  | .. |  |  |
| Developing. printing and enlarging apparatus | .. | 565 | .. | 803 | 18 |
| Other |  | 1.007 | .. | 1.247 | 59 |


| TABLE 5 (contd.) |
| :--- |
|  |

5/H/8
SCIENTIFIC. SURGICAL AND PHOTOGRAPHIC INSTRUMENTS, ETC.

|  | 1951 |  | 1954 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Quantity | value | Quantity | value | Entries |
|  |  | £.000 |  | $\varepsilon^{\circ} 000$ | Number |
| Scientific, engineering, industrial, etc. instruments and apparatus not elsewhere specified (contd.) |  |  |  |  |  |
| Scientific instruments and apparatus, and parts thereof, not elsewhere specified |  | 4.679 |  | 6.786 | 115 |
| Waste products |  | 435 |  | 609 | 153 |
| Work done (g) |  |  |  |  |  |
| Ophthalmic prescription and repair work |  | 3.547 |  | 2.723 168 | 107 38 |
| Repair work on surgical instruments |  | 175 1.722 |  | 168 | $\begin{array}{r}38 \\ \hline 157\end{array}$ |
| Other repair work for customers |  | 1.722 639 |  | 2,541 993 | 157 64 |
| Other work done for the trade |  |  |  |  |  |
| Total |  | 78.642 |  | 102.074 | . |
| Sales in other industries (see Table 6) |  | 5. 524 |  | 8.142 | . |
| Principal products of this industry sold by establishments in the industry |  | 73.118 |  | 93,931 | 585 |


(b) So far as separately recorded.
(c) Described as siterilis sing
(d)
(d) Divipment

(e) No separate information under this heading was recorded in 1951 .
(f) Sales by estani ishments classified to the Scientific. Surgi cal and Photographic Instruments.
(g) Amount charged. $\begin{aligned} & \text { etc. Indestry only }\end{aligned}$

Sales of principal products of the industry by establishments
classified to other industries
Larger establishments in the United Kingdom

| TABLE © |
| :--- |

TABLE 6 (contd.) SCIENTIFIC, SURGICAL AND PHOTOGRAPHIC INSTRUMENTS, ETC
5/H/9

|  | 1954 |  |  | $\begin{gathered} \text { Principal } \\ \text { induztries in } \\ \text { which produced (a) } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Value | Entries |  |
| Photographic and cinematograph apparatus and appliances | Thousands | $\varepsilon^{\prime} 000$ | Number |  |
| Cameras. complete and developing. printing and en larging apparatus | 8 | 223 95 | \} 5 | 4K. 4M, 5F |
| Other photographic and cinematograph apparatus and accessories (except lenses and photographic chemicals) |  |  |  |  |
| Cinematograph (including cinematograph projectors) | .. | 853 | 9 | 4C, 4K, 4M, 5E |
| Other | .. | 482 | 34 | 4C, 4K, 5E, 111 |
| Scientific, engineering, industrial, etc. instruments and cupparatus not elsewhere specified (except optical) |  |  |  |  |
| Electrical aeronautical instruments and thermostats Hearing-aids with valve amplification | $\left\{\begin{array}{l}1,214 \\ . .\end{array}\right.$ | $\begin{aligned} & 702 \\ & 354 \\ & 134 \end{aligned}$ | $\} \begin{array}{r}19 \\ 5\end{array}$ | $\begin{aligned} & 3 \mathrm{~K}, 4 \mathrm{I}, 4 \mathrm{~K}, 5 \mathrm{~F} \\ & 4 \mathrm{~K}, 4 \mathrm{M} \end{aligned}$ |
| Thermometers (except clinical and liquid in glass) | .$^{14}$ | $\begin{aligned} & 81 \\ & 23 \end{aligned}$ | \} 5 | 3N, 4I, 4J, 5A |
| Pyrometers and temperature gauges, recorders and controls: and other dial indicators and dial gauges |  | 282 | 7 | 31. 3K |
| Precision measuring instruments |  | $\begin{gathered} 22 \\ 205 \end{gathered}$ | $\} 10$ | 3N, 4C. 51 |
| Nautical instruments not elsewhere specified |  | 83 | 5 | 4M, 5c, 51 |
| Aeroncutical instruments not elsewhere specified | .. | 715 |  | 3K, 4K, 4M, 5I |
| Scientific instruments and apparatus and parts thereof not elsewhere specified | .. | 1.449 | 29 | (b) |
| Work done for the trade or on commission |  | 121 |  |  |
| Total |  | 8.142 | .. |  |

(a) The volume number and industry references given are to the industries shown in the list at the back of
(b) Production is widely distributed among other industries.

Sales in the industry of other than principal products Larger establishments in the United Kingdom
TABLE 7

|  | 1954 |  |
| :---: | :---: | :---: |
|  | Quantity | Value |
| Electrical goods and apparatus |  | £. 000 |
| Electro-medical apparatus (excluding hearing-aids with valve amplification) | . | 210 |
| Radio, telecommunication and electronic apparatus and equipment | .. | 1.237 |
| Other electrical goods and apparatus | .. | 1.873 |
| Pressure gauges | .. | 213 |
| Machine tools and other tools and implements | . | 79 |
| Motor and cycle instruments. accessories and parts | .. | 999 |
| Other machinery and parts | . | 620 |
| Plastic goods and fancy articles | .. | 68 |
| Other goods | .. | 3.722 |
| Total |  | 9.021 |


|  | Returned in this industry (a) |  |  |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
|  | 1951 | 1954 |  |
|  | Quantity | Quantity | Entries |
|  | Th. doz. | Th.doz. | Number |
| Finished oph thalmic lenses. optically worked. mounted or unmounted | 1.686 | 1.720 | 52 |

Purchases of materials and fuel, 1954 Larger establishments in the United Kingdom

|  | Quantity | Cost |
| :---: | :---: | :---: |
|  | Th.ewt. | £. 000 |
| Materials |  |  |
| Aluminium and aluminium alloys |  |  |
| Castings, rough dressed | 19 | 416 118 |
| Other descriptions, except finished parts | .. | 659 |
| Unclassified | 2 | ${ }_{83}^{37}$ |
| Brass and ather alloys of copper (excluding nickel alloys) |  |  |
| Plates, sheets. strip. discs and circles | 28 | 487 94 |
| Other descriptions except finished parts | 46 | 790 |
| Unclassified | 13 | ${ }_{280}^{223}$ |
| $S_{\text {teel }}$ |  |  |
| Angles, shapes, sections, bars and rods (except sheet and tinplate bars) | 44 | 219 43 |
| Castings in the rough | 15 | 98 54 |
| Steel plates and sheets (including tin-, terne- and blackplates and sheets) | 29 | 110 68 |
| Iron and steel in all forms except finished parts | 39 | 172 195 |
| Unclassified | 63 | 259 115 |
| Metal components not elsewhere specified | 29 | 748 7 342 |
| Plastics materials |  |  |
| Synthetic resins and moulding powders | .$^{5}$ | ${ }_{93}^{93}$ |
| Sheet, rod, tube, profile shapes and like products lother than cinematograph and photographic film base) | .$^{7}$ | 341 205 |
| Components, accessories and semi-manu factured goods wholly or partly of plastics materials (other than lenses and spectacle, etc. frames) | 1 | 86 421 |


| TABLE 9 (contd.) |
| :--- |


|  | 1951 | 1954 |
| :---: | :---: | :---: |
|  | Number | Number |
| Average number of employees <br> Operatives <br> Administrative, technical and clerical employees | $\begin{array}{r} 59.109 \\ 17.214 \\ \hline \end{array}$ | $\begin{array}{r} 58.210 \\ 18.728 \\ \hline \end{array}$ |
| Administrative, technical and clerical employees Total | 76,323 | 76,938 |
|  | \&.000 | \&. 000 |
| Wages and salaries paid to Operatives Administrative, technical and clerical employees | $\begin{array}{r} 19.602 \\ 8.620 \\ 8.2020 \end{array}$ | $\begin{aligned} & 23,647 \\ & 10.811 \\ & \hline \end{aligned}$ |
| Total | 27.822 | 34,458 |
|  | $\varepsilon$ | $\varepsilon$ |
| Wages and salaries per head Oepratives Admiris trative, technical and clerical employees | 332 478 | 406 577 8.000 |
| Superannuation and other pension funds for employees and dependents (b) |  |  |
| Employers' contributions | .. | 643 Number |
| Employees covered | .. | $\begin{array}{r}31.907 \\ \hline\end{array}$ |
| Pension, etc. payments to former employees and dependents (b) |  | 8.000 84 |

Penslon, etc. payments to former eaployees and
(a) The following persons, not included above, were also employed by larger establishments in this industry.
(o ther workers includes. for example, emplogees engaged in merchanting).
Payments to outworkers are also show

|  | 1951 | 1954 |
| :---: | :---: | :---: |
| Canteen workers | Number | Number |
| $\underset{\substack{\text { Male } \\ \text { Female }}}{\text { der }}$ | 65 676 | 37 759 |
| Total | 731 | 796 |
| Other workers Male | ${ }_{512} 92$ | ${ }_{6}^{674}$ |
| Total | 1,439 | 1.167 |
| Total excluded employees | 2.170 | 1,963 |
| Outworkers | 678 | 503 |
|  | \&. 000 | \&. 000 |
| Payments to outworkers | 77 | 72 |

(b) The figures given relate to larger establishments in Great Britain only

Employment in a specified week (a)
Larger establishments in the United Kingdom

| TABLE 11 |
| :--- |

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