# The Report on the <br> Census of Production for 1954 

## Volume 3: Industry N

CARTS, PERAMBULATORS, ETC.


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

The Report on the Census of Production for 1954

VOLUME 3, INDUSTRY N
CARTS, PERAMBULATORS, ETC.

THIS REPORT on the Carts, Perambulators, etc. Industry relates to establishments engaged wholly or mainly in the manufacture and repair of horse-drawn carts, carriages and wagons, and of hand-trucks wheelbarrows, perambulators, push chairs, bath chairs, etc. (including the manufacture of parts such as wheels and axles).

This industry corresponds to minimum list heading 89 in the Standard Industrial Classification

| Table No. | Title <br> Industry summary: estimates for the industry as a whole | $\begin{aligned} & \text { Page } \\ & 3 / \mathrm{N} / 3 \end{aligned}$ | Table No. | Title <br> Sales of principal products of the industry by estab- lishments classified to other industries | Page <br> $3 / \mathrm{N} / 5$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
| 3 | Analysis by size, 1954 | 3/N/4 | 7 | Sales in the industry of other than principal products | 3/N/6 |
|  |  |  |  |  |  |
| 4 | Analysis according to specialisation within the industry, 1954 | 3/N/4 | 8 | Total make of intermediate products | Does apply |
|  |  |  | 9 | Purchases of materials and fuel, 1954 | 3/N/6 |
| 5 | Sales of principal products sales of these products byestablishments classified to other industries | 3/N/5 | 10 | Average number of employees and wages, salaries and superannuation payments | 3/N/8 |
|  |  |  | 11 | Employment in a specified week | 3/N/8 |

The following notes describe terms in general use
in the table: of the report. More detailed explana-
 and me thod of taking the census are qiven in the separ-
ate booklet entitide The heport on the Cenus of Pro-
duction for 1954 . Introductory No net) Industrial Classification: Establishments are classifput and. as far as posibilit. in con formity with the
Standard Industrial Cosification
Cortain products
 industries. the principal products for a given industry
bening of asimiliar nature or commoniy associated in pro-
duction.
The principle of clasifification no mally
 industry if its output of the principal products of that
industryaccounted for a qreater proportion of the value
of its output than did its output of the principal pro-
dits on

 ments io per cent.
value accunted for
the specialist group.
Intermediate products: For some industrios figures are
given shoming the total quan tities made during the year
 are produced.
Larget establishments: The information given in the re-
port relates mainly to larger establishments portelishments of firms employing on the average more
estan 10 persons. In most cases an es tablishment com-
than than 10 persons. In most cases an establishment com-

 Small firms are those employing on the average 10 or fener persons
 Gross output (production) is the total value of goods
made and other work done during the year: it is obtaindi by adjusting the value of sales and work dono during the year for changes in the value of
on hand for sale and work in progress.
Net output is the amount left after deducting from the erials and fiel used. the aqgunt paid for work given out.
and. for 1951 and 1954 . any transport payments made.
anis This reprosents the value added to materials by the pro-
coase of production and constitutes the fund from wich
vages, salaries renta vages. siaries, rents, rates and taxes. advertising and
other selling openes and all other simiar charges.
have to be net. as woll as deprociation and profits. Sales means sales during the year of goods made in the
establishment covered by the return or made on commission for it, whether produced in the year or not. The
vanue of shes is the net selling value. it. the
amount charged to cubtoners.

 Materials and fuel: The total cost of materials and fuer purchased incindes ant purchases during the year
of matorials for use in production, and of fuel (includ-
ing oil. gas and olectricity) for all purposes: packing
materials. Including the full cost of returnable cases When firsit purchased. workhop and off fice materials:
water charges: materials for repairs to buidding Nater charges: materials for repairs to buildings:
plan and vehicle when carried out by firms oun work:
people included in their returns consumable tools:

 cobto of matertals and foul used. given in Table ${ }^{2}$, is
obtained by ading purchases for changes during the
year in the value of stocks. year in the value of stocks.
Stodks: Firms wore roquired to give stocks of materials
and fuel. products on hand for sale, and work in pro-
gress. at income tax values.
Oustoms and Excise Duty patid on materials purchased is
normally included in the cost of materials. Finished
 Emplod in arriving at net output.
 and operatives, but oxcludes outworkers. canteen omploy.
eis and porsons engaged in merchanting or

 surance carde were held
full-time or part-time.
Horking proprietors are proprietors of businesses other
than limited companies, together with members of the than limited companies, together with members of their
familise tho worked in tho business without receiving
fixed wages or salaries. Any porsons working less than fixed wages or salaries. Any persons working less than
half the normal hours are excluded. For Northern half the normal hours are oxcluded. For Northern
Irreland in irectors of 1 inimed oompaniles (other than those
paid by fee only) are also included.
Administrative, technical and clerical employees include
dirroctors. oher than those paid by fee only (except in
 foremen research, oxperimental, development, tochnical
and design employes (other than operatives): draghtomen and tracers: travellers: and office (including
works office) employees.
Operatives include all other classes
broadly speak ing, all manual workers. broadly specking, all manual workers.
Cutworkers are persons mployed by the firm who work on
materials supplied by the firm in their own homes. Wages and salaries include all overtime paynonts, bonus-
os and commissions without any deductions for income tax.
 insurances. contributory pensions etc. They exclude
payments to working propriitors.
Cpot tal expenditure includes expenditure on nem building Capital expenditure includes expenditure on ner building
 ture in respect of establishments in Great Britain which
had not be pun production be fore the ond of the fear
(ohich has not previously been include in the Census of (which has not previously been included in the
Production roports for individual industries). Symbols used:
for not available
for nil or negligible (less than half the final
digit shown).
Where figures are rounded. e.g.. given to the near-
$\varepsilon$ thousand, thero may be cpparent silight discrepanest \& thousand. there nay be apparent slight discrepan-
cies between the sums of consitituent itess and the totals shown. In some cases, figures have beon combined
ith others of a similar nature where publication of separate individual undertaking
an

|  | United Kingdom |  |  | $\begin{gathered} \text { Scotland } \\ 1954 \end{gathered}$ | Wales1954 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1948 | 1951 | 1954 |  |  |
|  | £million | Emillion | £million | £million | Emillion |
| Gross output (production) | 11.1 | 9.9 | 9.6 | 0.37 | 0.06 |
| Net output | 5.0 | 4.2 | 4.2 | 0.17 | 0.03 |
| Total stocks and work in progress At beginning of year Change during year | $\begin{array}{r}1.8 \\ +\quad 0.2 \\ \hline\end{array}$ | + $\begin{array}{r}1.6 \\ +\quad .4\end{array}$ | 1.4 | $\begin{array}{r} 0.05 \\ -\quad 0.01 \end{array}$ | 0.01 |
| Capital expenditure less disposals (a) | 0.2 |  | 0.2 | - | 0.01 |
| Wages and salaries | 2.9 | 2.5 | 2.5 | 0.09 | 0.02 |
| Total employment (including | Thousarids | Thousarids | Thousands | Thousands | Thousands |

(a) Capital expenditure on new building work, plant, machinery and vehicles (including (except in 1948) that machinery and vehicles disposed of

Summary of returns received
TABLE 2

|  | Unit | $\begin{gathered} \text { Great Britain } \\ 1948 \end{gathered}$ | United Kingdom |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1951 | 1954 |
| firms employing on average more than 10 persons |  |  |  |  |
| Number of establishments <br> Total value of sales and work done | ${ }_{\text {¢ }}{ }^{\mathrm{No}} 0000$ | 100 7.258 |  | 72 7.463 |
| Totalucts on hand for sale fork done beginning of year | $\stackrel{\varepsilon^{\prime}}{\square}$ | $\begin{array}{r}7.258 \\ \hline 312 \\ \hline\end{array}$ | $\begin{array}{r}7.454 \\ +\quad 353 \\ \hline\end{array}$ | $\begin{array}{r}7.463 \\ 318 \\ \hline\end{array}$ |
|  | $\stackrel{ }{ }$ | $\begin{array}{r}\text { \% } \\ +\quad \begin{array}{r}54 \\ 7.215\end{array} \\ \hline\end{array}$ | 102 $+\quad 7.556$ | 19 7.483 |
| Purchases of materials and fuel |  | 3,953 | 4.313 | 3.975 |
| Stocks of materials and fuel $1 \begin{aligned} & \text { at beginning of year } \\ & \text { change during year }\end{aligned}$ | ". | 847 <br> 102 | 858 $+\quad 167$ | $\begin{array}{r}753 \\ +\quad 19 \\ \hline\end{array}$ |
| Cost of materials and fuel used | " | 3.851 | 167 $+\quad 4.146$ | 3.956 |
| Payment for work done on materials given out Payment for trans port (b) | . | 106 96 | ${ }^{69}$ |  |
| Payment for transport (b) ${ }^{\text {d }}$ |  | 96 | 144 | 150 |
| Net output |  | 3.258 | 3.197 | 3.277 |
| Average number of employees $\left\{\begin{array}{l}\text { operatives } \\ \text { others }\end{array}\right.$ | No. | ${ }^{6.289}$ 965 (c) | 5.353 | 4.323 |
| Total employment (d) ${ }^{\text {d }}$ ( ${ }^{\text {a }}$ ( ${ }^{\text {a }}$ |  |  | 6.323 | 5.227 |
| Net output per person employed (d) | £ | 447 | 506 | 627 |
| Wages and salaries $\quad\left\{\begin{array}{l}\text { of operatives } \\ \text { of others }\end{array}\right.$ | £. 000 | 1.521 385 | 1.477 | 1.491 478 |
| Capital expenditure |  |  |  |  |
| New building work (e) (eateritione |  |  |  |  |
| Plant and machinery $\quad\left\{\begin{array}{l}\text { acquisitions } \\ \text { disposals }\end{array}\right.$ (e) | ". | 117 5 | 94 142 | $\begin{array}{r}83 \\ 5 \\ \hline\end{array}$ |
| Vehicles $\quad\left\{\begin{array}{l}\text { disposals } \\ \text { actuisisitions } \\ \text { disposals }\end{array}\left(\begin{array}{l}\text { e }\end{array}\right.\right.$ | ". | 28 |  | 43 |
| Vehicles \{disposals | .. | 6 | 9 | 10 |
| FIRMS EMPLOYiNG ON AVERAGE 10 OR FEWER PERSONS Number of returns <br> Total employment, including working proprietors |  |  |  |  |
|  | No. | 1.039 | 538 (f) | 418 |
|  | .. | 3.162 | 1,619(f) | 1.249 |
|  |  |  |  |  |

(ब) For the year 1948 gross output excludes payments for transport services outwards on finished goods sold.
For subsequent years gross output includes payments to other firms and undertakings and to firms own
For subsequent years gross output includes payments to other firms and undertakings and to firms own
separate transport organisations for transport services.
(b) Payments to other firms and undertakings and to firms
Pin separate transport organisations. For the

(c) Numer in week ended September 25. 1948.
(d) Excluding outworkers and including worki
(e) Excluding expenditure for establishments not yet in production
(f) Excluding Northern Ireland. No information about small firms

| Average number employed (a) | $\begin{array}{\|l\|} \hline \text { Estab- } \\ \text { lish- } \\ \text { ments } \end{array}$ | $\begin{gathered} \text { Gross } \\ \text { output } \end{gathered}$ | $\begin{gathered} \text { Net } \\ \text { output } \end{gathered}$ | Employees |  | Wages and salaries |  | Capitalexpendi ture(b) | $\begin{array}{\|c} \hline \text { Net output } \\ \text { per person } \\ \text { employed } \\ \text { (a) } \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Operatives | others | Operatives | Others |  |  |
|  | Number | £'000 | \&. 000 | Number | Number | £. 000 | $\varepsilon^{\prime} 000$ | £ 000 | $\varepsilon$ |
| 11-24 | ${ }^{28}$ | 774 | 318 | 391 | 92 | 144 | 52 | 12 | 650 |
| 25-49 | 19 | 950 | 382 | 554 | 119 | 199 | 73 | 23 | 566 |
| 50-99 | 13 | 1.391 | 604 | 765 | 176 | 270 | 81 | 37 | 641 |
| 100-199 | 7 | 1,163 | 520 | 740 | 198 | 251 | 106 | 20 | 554 |
| 300-749 | 5 | 3.205 | 1.453 | 1.873 | 310 | 627 | 165 | 62 | 665 |
| Total | 72 | 7.483 | 3,277 | 4,323 | 895 | 1.491 | 478 | 153 | 627 |

(a) Excluding outworkers and including working proprietors.
(b) Capital expenditure on ne building work and on acquisition of plant, machinery and vehicles. Excluding
expenditure at establishments not yet in production.

Analysis according to specialisation within the industry, 1954 Larger establishments in the United Kingdom
TABLE 4


[^0]

[^1](58513)

|  | 1954 |  |
| :---: | :---: | :---: |
|  | Quantity | Value |
|  | Number | \& 000 |
| Invalid carriages and bath chairs, mechanically propelled, and other motor vehicles, parts and accessories |  | 10 |
| Toy perambulators and toy folders | 141,231 | 494 |
| Pedal motor cars and scooters. children's bicycles (with frames smaller than 15in.) and tricycles | .. | 43 |
| Other toys | .. | 110 |
| Hardware, hollow-ware, metal furniture, etc. | . | 48 |
| Machinery and parts | .. | 69 |
| Furniture and cabinet ware | . | 22 |
| Other manufactures of wood including plywood | . | 101 |
| Medical and scientific instruments and equipment | . | ${ }^{21}$ |
| Other goods | .. | 93 |
| Total |  | 1.009 |

TABLE 8 - Total make of intermediate products Larger establishments in the United Kingdom
This table is not applicable to the industry.

Purchases of materials and fue1, 1954
Larger establishments in the United Kingdom
TABIE 9

|  | Quantity | Cost |
| :---: | :---: | :---: |
|  |  |  |
|  |  |  |
| Wrought tubes of iron and steel and fittings for wrought tubes (including welded, seamless, conduit etc.) | 2 | 125 28 |
| Steel |  |  |
| Angles, shapes, sections, bars, rods, girders, beams, joists and pillars (not fabricated) | 4 | 172 |
| Plates and sheets (other than tinned, terne-, and blackplates and sheets) |  |  |
| $1 / 8 \mathrm{in}$. thick and over and hoop and strip (including tape) | 2 | 77 |
| Under $1 / 8 \mathrm{in}$. thick | 4 | 211 |
| Steel in all other forms except finished parts, including steel wire in circular or other section |  | 125 |
| Aluminium in all forms except finished parts and scrap | $\underset{5}{\mathrm{~Tb} . \mathrm{cwt} .}$ | 63 |
| Brass and other copper alloys (including nickel silver but excluding other nickel alloys) in all forms except finished parts and scrap | 3 | 32 |


|  | Quantity | Cost |
| :---: | :---: | :---: |
| Waterials (contd.) | Th.cu.ft. | ¢'000 |
| Timber (excluding timber used for making into cases, etc. or for repairing returnable cases) |  |  |
| Hardrood | 74 | 59 |
| Softrood | 132 | 96 |
| Plywood (including battenboard, blockboard and laminboard) | $\begin{aligned} & \text { Th.sq.ft. } \\ & 3.838 \end{aligned}$ | 133 |
| Leathercloth | Th.sq.yds. | 169 |
| Cloth coated with plastic materials (e.g. polyvinyl chloride. polyvinyl acetate) and uncoated plastic sheeting | 1.017 | 194 |
| Woven plece goods of all fabric materials | 728 | 238 |
| paints and varnish, including emulsion paints and cellulose based paints and lacquers | .. | 125 |
| Machinery components and accessories for incorporation in the finished products of the trade |  |  |
| Ball and roller bearings and parts thereof | . | 70 |
| Other | . | 1.082 |
| Packing materials | .. | 73 |
| Replacement parts for firms' own machinery, plant and vehicles. and consumable tools bought as replacement (e.g. files or chisels) | . | 54 |
| All other purchased materials | . | 698 |
| Fuel and electricity | Th.tons. |  |
| Coal | 5 | 19 |
| Coke | 1 | 7 |
| Liquid fuels (including creosote/pitch mixtures) |  |  |
| For use in internal combustion engines | Th.gal. |  |
| Motor spirit (petrol) for use in road vehicles and derv. fuel | 169 | 33 |
| Other | .. | 1 |
| For burning in furnaces, bollers, kilns, etc. | 28 | 1 |
| Gas purchased | Th.therms |  |
| From Gas Boards | 350 | ${ }^{23}$ |
| From other sources, including other departments of the same firms |  |  |
| Electricity purchased | Th. k Wh . |  |
| From Electricity Boards | 7.246 | 46 |
| From other sources, including other departments of the same firms | 58 | 1 |
| All other purchased fuel |  | 1 |
| $\underline{\text { Total cost }}$ |  | 3,975 |

3/N/7

|  | 1951 | 1954 |
| :---: | :---: | :---: |
|  | Number | Number |
| Average number of employees |  | 4.323 |
| Administrative. technical and clerical employees | 5,353 949 | $\begin{array}{r}4.323 \\ 895 \\ \hline\end{array}$ |
| Total | 6,302 | 5.218 |
|  | \&. 000 | \&.000 |
| Wages and salaries paid to Operatives | 1.477 | ${ }_{1.491}$ |
| Administrative, technical and clerical |  |  |
| Total | 1.950 | 1.969 |
|  | $\varepsilon$ | $\varepsilon$ |
| Wages and salaries per head |  |  |
| Operatives Administrative, athechnical and clerical employees | ${ }_{498}^{276}$ | -344 |
|  |  | $8 \cdot 000$ |
| Superannuation and other pension funds for employees and dependents (b) |  |  |
| Employers' contributions | .. | ${ }^{21}$ |
| Employees covered | . | Number |
| Pension, etc. payments to former employees and dependents (b) | .. |  |


|  | 1951 | 1954 |
| :---: | :---: | :---: |
|  | Number | Number |
| Males Fencles | 4 4 | ${ }_{47}^{4}$ |
| Total | 50 | 51 |
| Other workers Males Females | ${ }_{28}^{64}$ | ${ }_{10}^{8}$ |
| Total | 92 | 18 |
| Total excluded employees | 142 | 69 |
| Outworkers Males Female <br> Femal | ${ }_{88}^{1}$ | - ${ }_{40}$ |
| Total | 89 | 46 |
| Payments to outworkers | $\begin{gathered} \varepsilon^{\prime} 000 \\ 6 \end{gathered}$ | $\begin{gathered} \varepsilon \cdot 000 \\ \hline \end{gathered}$ |

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

| Employment in a specified week (a): Larger establishments in the United Kingdom |  |  |  |  |  | Number |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 1954 |  |  |
|  | Males | Females | Total | Males | Females | Total |
| Working proprietors | 21 | - | 21 | 9 | - | 9 |
| Operatives | 3.284 | 1.976 | 5. 260 | 2.720 | 1.740 | 4,460 |
| Administrative, technical and clerical employees | 527 | 429 | 956 | 483 | 435 | 918 |
| Total employees | 3.811 | 2.405 | 6.216 | 3.203 | 2.175 | 5,378 |

[^2]voluve
A. Coal Mines
B. Non Mertalififeros Mines and
Quarries (other than Coall. Salt

 E. Metallanerous mines and Quarri
F. Brick and Firceclay
G. China and Earthenvare
H. Glass Containers G. China and Earthenware
H. Glass Contaniners
I. Glass (other than Containers)
T. Coment . Glass 1 Ot
J. Cement
Abrasives
M. Manu factured Fuel
volure 2
A. Coke Orens and By-produ
B. Dyes and Dyes tuffs

D. Coal Tar Pronucts
E. Chemicals (General)

Preparations
G. Tol 1eot Prearations and Per fumery
Explosives and Fireworks

J. Soap, C
K. Polishe
L. Ink

L. $\begin{aligned} & \text { Ink } \\ & \text { Mat } \\ & \text { Mine } \\ & \text { Minal }\end{aligned}$

Mineral Oil Refining

R. Industicties Materiale


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[^0]:    

[^1]:    (b) Amount charged.

[^2]:    DS 58513/1/Wt.3351 $4.4 / 57$ a

