## A429.2

## Business Statistics Office

## Business Monitor

## Report on the Census of Production

Miscellaneous textile industries

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Commencing with the 1971 Census, the Census of
Production reports are being numbered in a uniform series embracing all industrial inquiries in the Busines
Monitor series. These Business Monitors heve P (for production) followed first by A (indicating the it is an annual series) or Q (quarterly) or M (monthly) and then by a number indicating the minimum list heading, or sub-division of a minimum list heading, of the Standard Industrial Classification (revised 1968).

The Census of Production (PA) reports are availab on standing order (details on application to Her
Majesty's Stationery Office, P.O. Box 569 , Londo Majesty's Stationery Office, P.O. Box 569, London SE1 9NH. Telephone 01-928 6977), although they are not included in the global subscription arrangements
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## Report on the Census of Production 1976

## Miscellaneous textile industries

Prosented by the Secretary of State for Industry to Parliament in pursuance of the Statistics of Trade Act 1947
$(10 \&$ i1 Geo. 6 Cha. 39 sec 7 )

## List of Industry Reports, etc.

| PA1001 | Introductory notes | PA369.1 | Electrical equipment for motor vehicles, cycles |
| :---: | :---: | :---: | :---: |
| PA101 | Coal mining |  | and aircraft Primary and secondary batteries |
| PA102 | Stone and slate quarrying and $m$ | PA369.2 <br> PA369.4 | Electric lamos, electric light fittings, wiring |
| PA103 | Chalk, clay, sand and gravel extraction |  |  |
| PA109 | Miscellaneous mining and quarrying | PA370 | Shipbuilding and marine engine |
| 211 | Grain milling |  | Wheeled tractor manufacturing |
| PA212 | Bread and flour confectionery | PA381.1 | Motor venicle manufacturing |
| PA213 | Biscuits | PA381.2 | Trailers, caravans and freight containers |
| PA214 | Bacon curing, meat and fish products | PA382 | Aerospace equipment manufacturing and repairing |
| PA215 | Milk and milk products | PA384 | Locomotives, railway track equipment, railway carriages, |
| PA217 | Cocoa, chocolate and sugar confectionery |  | wagons and trams |
| PA218 | Fruit and vegetable products | PA390 | time 9 |
| PA219 | Animal and poultry foods | PA392 | Cutlery, spoons, forks and plat |
| PA221 | Vegetable and animal oils and fats |  | Bolts, nuts, screws, rivets, etc. |
| PA229. 1 | Margarine | PA393 | Wire and wire manutactures |
| PA229. 2 | Starch and miscellaneous foods | PA395 | Cans and metal boxes |
| PA231 | Brewing and $m$ | PA395 | Cans and metal boxes |
| PA232 | Sott drinks | PA399 | Meal funiture |
| PA239.1 | Spirit distilling and compounding | PA399. | Derar fur |
| PA239.2 | British wines, cider and perry | PA399.5 | Metal hollow-ware |
| PA240 | Tobacco | PA399.6 | Meat hollow-wa |
| PA261 | Coke ovens and manufactured fuel | PA399.8 | Production of man-made fibres |
| PA262 | Mineral oll refining | PA412 | Spinning and doubling on the cotton and flax systems |
| PA263 | Lubricating oils and greases | PA413 | Weaving of cotton, linen |
| PA271.2 | Onorganic chemicals | PA414 | Woollen and worsted |
| ${ }_{\text {PA A271. }}$ | Organic chemicals |  |  |
|  |  | PA416 | Rope, twine and |
| PA272 | armaceutical chemicals and preparations | PA417.1 |  |
| PA 273 PA 74 |  | PA41172 | Hosiery and other knitred goods |
| PA274 PA275 | Paint | PA418 | Lace |
| PA2275 PA276 | Soap and detergents Synthetic resins and plastics materials and |  |  |
| PA276 | Synthetic resins and plastics materials and | PA421 | Narrow fabrics |
| PA271 | Dyestuffs and pigments | PA422.1 | Household textiles and handkerchiefs |
| PA278 | Fertilizers | PA422. 2 | Canvas goods and sacks and other made-up textiles |
| PA279.1 | Polishes | PA423 | Textile finishing |
| PA279.2 | Formulated adhesives, gelatine, etc. |  | Asbestos |
| PA279.3 PA279.4 | Explosives and fireworks | PA231 | Leather (tanning and dressing) and fellmongery |
| PA279.4 | Formulated pesticides, etc. | PA432 | Leather goods |
| PA279.5 | Printing ink | PA433 | Fur |
| PA279.7 | Photoratanhic chemical materials | PA441 | Weatherproof outerwear |
| PA311 | Iron and steel (general) | PA442 | Men's and boys' tailored |
| PA312 | Steel tubes | PA443 | Women's and |
| PA313 | Iron castings, etc. | PA444 | Overalls and men's shirts, underwear, etc. |
| PA321 | Aluminium and aluminium alloys | PA445 | Dresses, lingerie, infants' wear, etc. |
| PA322 | Copper, brass and other copper alloys | PA446 | Hats, caps and millinery |
| PA323 | Miscellaneous base metals | PA449.1 | Corsets and miscellaneous dress industries |
| PA331 | Agricultural machinery (except tractors) | PA449. 2 | Goves |
| PA332 | Metal-working machine tools | PA450 | Footwear |
| PA333.1 | Pumps | PA461.1 | Refractory goods |
| PA333.2 |  | PA461.2 | Building bricks and non-refractory |
| PA333.3 | Compressors and fluid power equipment | PA462 | Pottery |
| PA334 | Industrial engines | PA463 | Glass |
| PA335 | Textile machinery and accessories | PA464 | Cement |
| PA336 | Construction and earth-moving equipment | PA469.1 | Abrasives |
| PA337 | Mechanical handling equipment | PA469. 2 | Miscellaneous building materials and mineral products |
| PA338 | Office machinery | PA472 | Furniture and upholstery |
| PA3339. ${ }^{\text {PA }}$ | Mining machinery Printing, bookbinding and paper goods machinery | PA4473 | Bedding, etc. |
| PA339. 3 | Refrigerating machinery, space-heati | PA474 | Shop and office fitt |
|  | ventilating and airconditioning equipme | PA475 | Wooden containers and baskets |
| PA339.5 | Scales and weighing machinery and portable | PA479 | Miscellaneous wood |
| PA339 7 | power tools | PA481 | Paper and board Cardboard boxes, cartons and fibre-board packing cases |
| PA339.7 | packaging and bottling machinery | PA482.2 | Packaging products of paper an |
| PАЗ39.9 | Miscellaneous (non-electrical) machinery | PA483 | Manufactured stationery |
| PA341 | Industrial (including process) plant and steelwork | PA484.1 | Wallcoverings |
| PA | ance and s | PA484.2 | Miscellaneous manufactures of paper and |
| PA349.1 | Ball, roller, plain and other bearings | PA48 | Printing, publishing of newspap |
| PA349.2 | Precision chains and other mechanical engineering | PA489 | blis |
| PA351 | Photographic and document copying | PA491 | Rubber |
| PA352 | Watches and clocks | PA492 | Linoleum, plastics floor-covering, leathercloth, etc. |
| PA353 | Surgical instruments and appliances | PA493 | Brushes and brooms |
| PA354 | Scientific and industrial instruments and systems | PA494.1 | Toys, games and children's carriages |
|  | Electrical m | PA494. 3 | Sports equipment |
| PA362 | Insulated wires and cables | PA495 | Miscellaneous stationers' goods |
| PA363 | Telegraph and telephone | PA496 | Plast |
|  | equipment |  | Music |
| PA364 | Radio and electronic components | PA499.2 | Miscellaneous manufacturing industries |
| PA365.1 | mophon | PA500 | Construction |
| PA365. 2 | Broadcast receiving and sound reproducing |  |  |
|  | equipment | PA602 | ctric |
| 迷 | Electronic computers | PA1002 | Summary tables |
| PA368 | Electrical appliances primarily for domestic use |  |  |

Te information in this report relates to establishments classified to the Miscellaneous textile industries, minimum list heading 429.2 in the Sendard Industrial Classification (revised 1968). The activities of the industry include:-

Manufacturing coir mats, needieloom felt, needleloom carpet, etc., and non-woven (bonded fibre) fabrics; and spinning and weaving coconut fibre, horsehair, ramie, etc.

In interpreting the data in the tables it is essential to bear
in mind the notes and definitions which commence on page (iii).

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Regional distributio6
ercentage analysis of twelve-month periods covered by returns received from United7

|  | Unit | 1973 | 1974 | 1975 | 1976 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Enterprises | Number | 76 | 77 | 79 | 107 |
| Establishments | " | 87 | 85 | 84 | 116 |
| Sales of goods produced | £ thousand | 58,941 | 63,204 | 66,043 | 88,107 |
| Receipts for work done and industrial services rendered | " | (b) | (b) | (b) | 1,372 |
| Capital goods produced for establishments' own use | . | 34 | 27 | (b) | 55 |
| Non-industrial services rendered | " | 26 | 67 | (b) | 53 |
| Goods merchanted or factored | " | 1,871 | 1.598 | 1,926 | 4,218 |
| Total sales and work done (c) | " | 60,813 | 64,897 | 67,969 | 93,806 |
| Increase during the year, work in progress and goods on hand for sale | " | 497 | 1.236 | -82 | 633 |
| Gross output | " | 61,310 | 66,133 | 67,887 | 94,439 |
| Purchases of materials for use in production, and packaging and fuel | . | 33,717 | 37,835 | 33,141 | 46,647 |
| Purchases of goods for merchanting or factoring | . | 1,674 | 1,438 | 1,576 | 3,539 |
| Increase during the year, stocks of materials, stores and fuel | " | 2,216 | 155 | -1,196 | 2,029 |
| Cost of industrial services received | " | 1,908 | 2,650 | 2.615 | 3,549 |
| Net output | " | 26,226 | 24,366 | 29,359 | 42,732 |
| Total employment (d) | Thousands | 5.8 | 5.5 | 5.5 | 6.5 |
| Net output per head | £ | 4,538 | 4,410 | 5,343 | 6,594 |
| Payments for non-industrial services |  |  |  |  |  |
| Rents, hire of plant and machinery (e) (f) | £ thousand | 110 | 184 | 479 | 497 |
| Commercial insurance premiums | ., | 398 | 490 | 497 | 628 |
| Bank charges | " | 47 | 83 | 31 | 60 |
| Other non-industrial services (e) | " | 2,967 | 3,169 | 3,887 | 5,302 |
| Licensing of motor vehicles | " | 17 | 29 | 23 | 27- 54 |
| Rates, excluding water rates | " | 187 | 298 | 464 | 660 |
| Gross value added at factor cost | " | 22,499 | 20,113 | 23,977 | 35,531 |
| Gross value added at factor cost per head | £ | 3,893 | 3,657 | 4,363 | 5,483 |

(a) Including estimates for establishments not making satisfactory returns, non-response and establishments exempt because of size.
(b) Included with sales of goods produced.
(c) Details of manufacturers' sales of principal products are published reqularly in Business Monitor PQ429.2
(d) Average number employed, including full and part-time employees (see table 7 ) and working proprietors.
(e) 1973 figures include hire of vehicles.
(f) For 1973-1975 rents of industrial and commercial buildings were not recorded separately. For 1976 the amount payable was $£ 151$ thousand.
(g) $1974-1976$ figures include the cost of hiring goods vehicles.
(a)

Capital expenditure, $1973-1976$
All United Kingdom establishments classified to the industry (a) (b)

|  | 1973 | 1974 | 1975 | 1976 |
| :---: | :---: | :---: | :---: | :---: |
| Land and buildings |  |  |  |  |
| New building work | 1,111 | 541 | 516 | 236 |
| Land and existing buildings |  |  |  |  |
| Acquisitions | 15 | 32 | 70 | 737 |
| Disposals | 49 | - | - | - |
| Venicles |  |  | 8 |  |
| Acquisitions |  |  |  |  |
| Motor cars | 172 | 177) | 224 | 579 |
| Other vehicles | 110 | 95) |  |  |
| Disposals |  |  |  |  |
| Motor cars | 75 | 65) | 53 | 130 |
| Other vehicles | 7 | 23) |  |  |
| Plant and machinery |  |  |  |  |
| Acquisitions | 3,017 | 4,047 | 1,426 | 2,532 |
| Disposals | 31 | 81 | 65 | 102 |
| Total net capital expenditure | 4,263 | 4,722 | 2,117 | 3,852 |

(a) Including estimates for establishments not making satisfactory returns, non-response and establishments exempt because of size Including estimates for establishments not making satisfactory returns, non-response
Satisfactory returns accounted for 83 per cent of employment within the industry.

Capital expenditure in respect of manufacturing establishments where production had not commenced before the end of the year, is Capital
included
table 3
Stocks and work in progress, 1973-1976
All United Kingdom establishments classified to the industry (a)

| se | 1973 | 1974 | 1975 |  | $\int^{1976}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Increase |  |  |  |  |
|  |  |  |  |  |  |
| Materials, stores and fuel | 2,216 | 155 | -1,196 | 2.029 | 7,685 |
| Work in progress | 160 | 257 | -271 | 579 | 2,021 |
| Goods on hand for sale | 337 | 979 | 189 | 54 | 4,612 |
| Total | 2,713 | 1,391 | -1,279 | 2,662 | 14,318 |

Including estimates for establishments not making satisfactory returns, non-response and establishments exempt because of size Including estimates for establishments not making satisfactory returns, non-response
Satisfactory returns accounted for 83 per cent of employment within the industry.


Revional distribution of employment, net capital expenditure, net output and gross value added at factor cost, 1976 All United Kingdom establishments classified to the industry

| Area | Total employment (a) |  | Net capital expenditure (b) (c) |  | Net output, gross value added and employment in the region from returns received from establishments with more than 80 per cent of their employment in the region (d) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Net output | Gross value added at factor cost | Employment as a percentage of total regional employmen in the industry |
|  | Thousands | per cent of <br> United <br> Kingdom |  |  | £ thousand | per cent of United Kingdom | £ thousand | £ thousand |  |

Standard regions of
England
North
Yorkshire and
Humberside
East Midlands
East Anglia
South East
South West
West Midlands
North West
England
Wales
Scotland
Great Britain
Northern Ireland
Unallocated (e)
United Kingdom (b)

| - | - | - | - | - | - | - |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 2.0 | 30.5 | 884 | 23.0 | 12,145 | 9,888 | 85.2 |
| 0.3 | 4.0 | 120 | 3.1 | $*$ | $*$ | $*$ |
| 0.2 | 2.7 | 380 | 9.9 | $*$ | $*$ | $*$ |
| 0.4 | 5.8 | 219 | 5.7 | 781 | 631 | 43.0 |
| $*$ | $*$ | $*$ | $*$ | $*$ | $*$ | $*$ |
| $*$ | $*$ | $*$ | $*$ | $*$ | $*$ | $*$ |
| 2.7 | 41.4 | 1,910 | 49.6 | 13,429 | 11,243 | 80.3 |
| 6.3 | 96.8 | 3,828 | 99.4 | 33,152 | 27,528 | 79.4 |
| $*$ | $*$ | $*$ | $*$ | $*$ | $*$ | $*$ |
| 0.2 | 2.8 | 14 | 0.4 | 683 | 539 | 86.1 |
| $*$ | $*$ | $*$ | $*$ | $*$ | $*$ | $*$ |
| $*$ | $*$ | $*$ | $*$ | $*$ | $*$ | $*$ |
| - | - | - | - | 8,897 | 7,464 | - |
| 6.5 | 100.0 | 3,852 | 100.0 | 42,732 | 35,531 |  |

(a) Average number employed, including full and part-time employees (see table 7 ) and working proprietors.
(b) Including estimates for establishments not making satisfactory returns, non-resoonse and establishments with fewer than 20 employees.
(c) New building work plus acquisitions less disposals of land and existing buildings, vehicles and plant and machinery.
(d) Where a census return covered addresses in two or more regions an estimate was made of the net output and gross value added Where a census return covered addresses in two or more regions an estimate was made of the net output and gross value added
attributable to the region only where more than 80 per cent of the establishment's emoloyees were located in the revion attributable to the region only where more than 80 per cent of the establishment's employees were located in the region. The estimate
was made by assuming that net output and gross value added at each address covered by a return was prod the address.
(e) Unallocated net output and gross value added covering establishments with addresses in two or more regions, plus estimates for unsatisfactory returns, non-response and establishments exempt because of size

TABLE 6
Percentage analysis of twelve-month periods covered by returns received from United Kingdom establishments employing 20 or more
mersons, 1976 persons, 1976

Accounting year ended
1976 April (a)
Percentage of total returser
Percentage of total number employed

May 0.0

June 5.5

July 0.0

August
September
October
November
December
1977 January
February
March (b)
20.5
26.8
(a) From 6th April.
(b) Including returns made for twelve-month period ended 1st to 5th April 1977.
table 7
Percentage analysis of employees, by full and part-time employment and sex, 1976(a) "Other textile" industries, minimum list heading 429

| Sex | Full-time | Part-time | All employees |
| :---: | :---: | :---: | :---: |
|  | per cent | per cent | per cent |
| Male | 75 | 1 | 76 |
| Female | 19 | 5 | 24 |

Female
24

Source: Department of Employment
(a) The percentages relate to the numbers employed (excluding working proprietors) in the United Kingdom in minimum list heading 429 at end June, 1976. In the 1976 Census of Production the employment of the Miscellaneous textile industries represented 26
per cent of the employment of minimum list heading 429 as a whole.

These notes give the main information needed for interpreting the figures in the industry Business
Monitors: more detailed information about the Monitors: more detalled information about th
census is given in a separate Business Monitor census is given in separate Business Monitor
PA1001 (Introductory Notes) of the Report on the Census of Production, 1976.
GENERAL INFORMATION
Changes made for 1976
The Census for is76 is in line with similar
inquirles beling conducted in other member countries Inquirles being conducted in other member countries
of the European Economic Communities. There was a small number of changes in the scope of the
industry reports compared with 1975. These include separate headings for:
Sales of goods produc
Sales of goods produced
Recelpts for work done and industrial services rendered
Amounts paid for hire of plant and machinery
Amounts paid for rent of industrial and specific changes are explained in the introd to the Industry reports or by footnotes to the tables

Suppression of information relating to individual undertakings
Section $9(5)$ (b) of the Statistics of Trade Act 1947 states - "The communication to the public of information obtained nder the foregoing provisions of this Act In compiling any such report, summary or
commnicatlon the competent authority shall so
arrange it as arrange it as to prevent any particulars
published therein from being identified as bein particulars relating to any individual person or undertaking except with the previous consent in riting of that person or the person carrying on
that undertaking, as the case may be; but this provision shall not prevent the disclosure of the total quantity or value of any articles produced,
sold or delivered; so disclosing any such totai the competent authority shall have regard to any representations made to them by any person who alleges that the disto him or to an undertaking carried on by him to be deduced from the total disclosed."
If a flgure involved disclosure the contributor concerned was sometimes asked to give permission
for its publication. In the majority permission was given. When it was refused and where contributors were not approached the figure
has been suppressed, either by combining it with has been suppressed, elther by combining it with
other figures, or as in the regional tables, by other figures, or as in the
omitting the figure altogether.
Symbols used
The following symbols are used throughout the PA

- not avallable
nil or less than half the final digit shown
figures cannot be shown owing to the risk of
disclosing information about individual enter-
prises
revised
Rounding of figures
Figures in the tables have, where necessary, been rounded to the nearest final digit. Where flgures
have been so rounded, the sum of the constituent have been so rounded, the sum of the constituent
temis may not always agree exactly with the total
ndustrial classificatio
The United Kingdom Standard Industrlal was subsequently revised in 1958 and 1968 . an exists to promote uniformity and comparablility
the official statistics of the United Kingdom the official statistics of the United Kingdom
The general principles followed are those of the The general principles followed are those of the
International standard Industrial Classification af all Economic Activities of the United Nation Statistical Office but the United Kingdom SI
reflects the organisation and structure industry and trade as it exists In the Unlted Kingdo. The SIC is a classification by activity
and is not a commodity classification. However and is not a commodity classiflcatlon. However an Index of all commodity headings for whic
sales data are provided in the Quarterly Busines Monitors, is published in Business Monitor PQ1000 Statistical units
he statistical unit for the purpose of the Census is the smallest information normally required for an economis ensus, for example, employment, expenses, turn ctivities carried on Usually the principa ithin a single heading of the classificatio e.g. steel making or sugar refining). Typlcall carried on at a single address e.g. a activitle a factory, including those which are anclllary o the principal activities. Frequently distinc are carried on at one address, but normally thes are not classified separately and the whol stablishment is classifled according to the main
ctivity. If, however, the required range of data ctivity. If, however, the required range of dat
an be provided for each activity, each is take o constitute a separate establishment. Sometimes activities which are conducted as a single usiness are carried on at a number of addresses he full range of separate information in respec of each address; whether or not the activitles ar ifferent. Their activities may, however, b
integrated to such an extent that they constitute single establishment. In the latter case the stablishment is defined to cover the combined activities at these addresses (termed loca employment and net capital expenditure at each unit in order to complle regional tables.
fforts are made by the Business Statistics office o ensure, by negotlating with respondents, that the return from an establishment does not cover
ocal units or addresses in more than one of the countries of the United Kingdom.
Further information about the
urther information about the statistical unit appeared in an article "The statistical unit in
business inquiries" In Statistical News No. 13 May 971.
stablishments are asked to exclude from thei eturns particulars relating to any department no ongaged in productlon e.g. merchanting, transpor ccounts. Transfers of goods produced to suc epartments are treated as sales and respondent are asked to value them as far as possible as
sold to an independent purchaser. Where separat accounts are not kept they are asked to Include detalils of all these activities in their return.
Particulars relating to head offices mainly articulars relating to head offices mainly engaged in the administration of the productlon
units within the scope of the census were Included. Where more than one return was made the information in respect of the head offlce was apportioned among them.
For certain purposes in the annual censuses of
roduction (especially the enterprise analyses of
 group may be defined as a business consisting of
gither a single establishment or two or more estabiling together establishments into enterprise
orlinging is also necessary for the groups is also necessary for the purpose of
ensurling that there will be no dlsclosure of the
netivities of any one enterprise group. intormation about the relationship of
ind of compan les and about common ownership iliks Is
brotained from many sources, including the Stock otanng from many sources, including the stock
xchange Year Book, company reports, press reports and Information supplied by individual establish-


## HE REGISTER

permits a questionnaire to be sent
irect to the reporting establishment on which ne latter can include information relating to all
it mprises.
inquiries provide a major source of information
keeping the register continuously up-to-date keep as a check on its detail and structure or the establishments on the register making pturns to the quarterly inquirios, the industrial
lassification is derlived from an analysis of their les of commoditles and is reviewed annually. miloyment data are entered on the register from
molturns to the annual census of production. In thurns to the annual census of production. In
tes where an establ ishment does not make a return othese Inquiries the employment data are based on information provided by the Department of Employpent from the annual censuses of employment.
istablishments with 20 or more employees ar
stablishments with 20 or more employees are
ncluded in the censuses each year and the inform-
tion they supply to the census is thon they supply to the census is supplemented by
he returns that those with 25 or more employees he returns that those with 25 or more employees
rovide to the quarterly inquiries. Information provide to the quarterly inquiries. information
bout establishments with fewer than 20 employees
in most Industries is less securely based but nost mostustries is less securely based, but
hicreasing use has been made of data on these hereasing
snall osta
aployment mployment. One benefit it of using the Department of nal ler establl in the estimates of the number of s $11+t l e$ effect on other aggregates (e.g. employnt, output, net capital expenditure)
overage
return
return was required in the 1976 Census from each
stabl ishment with 20 or stabl ishment with 20 or more emp loyees.
stablishment is classifled to an ef ined in the SIC, whose princlipal products form he major part of the establishment's sales.
gions
oundary
oundary changes arising out of the Local
overnment Act 1972 and the Local Government Act scotland) 1973. These changes came into effect in otland.
RMS USED IN THE CENSUS REPORT
trabilishments were required to state the number
persons on the payroll on average during the ar of return, whether full-time or part-time
ployees. Separate figures were required for:
(a) administrative, technical and clerical
(b) all other employees (operatives)
lot could be calculated from the figures
lating to the last week of each calendar month.
number of working propritotors where appropriate
and these are included in total employment
figures
 ostablishments who worked in their own homes etc.
on materials supplied by the establishment) are on materials supplied by the establishment), are
excluded. The figures include persons engaged on
merchanting or factoring and canten merchanting or factoring and canteen workers where
particulars in respect of these activities could particulars in respect of these activities could
not be excluded from the return.
Working proprietors
These include all persons regarded as "selfmployed" for national insurance purposes and
members of their families who. worked in the business without recelving a wage or salary; but such persons who worked less than half the normal
number of working hours are excluded. Directors working in the business but not in recelpt of definite wage, salary or commission are included
under this heading: directors pald by fee only are inder this heading: directors pald by fee only are Emp loyees
Administrative, technical and clerical employees
include directors in receipt of a definite include directors in receipt of a definite wage,
salary or commission, managers, superintendents and works foremen; research and design employees
(other than operatives); draughtsmen, editorlai staff, advertising staff, travellers and all peratives include all other classes of employees that is, broadly speaking, all manual wage earners. They include operatives employed in
power stations, transport (including roundsmen) warehouses, stores, shops and conteens, inspectors, maintenance workers and cleaners. peratives engaged in outside work of erecting,
itting etc. are also included, but outworkers fitting etc.
Capital expenditure
apital expenditure during the year in respect of manufacturing .units where production had not
started before the ond of the year is included. Establishments were asked not to deduct from the value of capital expenditure amounts received or
expected to be recelved in grants or allowances expected to be recelved in grants or allowances
from the Government or any statutory body or local authority. Establishments with 100 or more employees were asked to include a total net
capital expenditure figure for each calendar year. (a) Now building work

This represents the cost incurred during the year new bullding and other constructional work to be used in connectlon with the business covered by
he return. The value is that charged to capital account during the year of return; it includes expenditure on new buldings and on the oxtension
or reconstruction of old bulldings, the value of or reconstruction of old bulldings, the value of
works of a capital nature carried out by the establishment's own staff and the cost of any newly constructed bulidings purchased. Figures
shown include legal charges, stamp duties, agents' commissions, etc.
(b) Land and existing buildings urchased and the capital cost or premium payable assets acquired in taking over an existing business), and the amounts receivable for freeholds or leaseholds disposed of. The value is
that charged to capital account during the year of return.
(c) Plant, machinery and vehicles
The items shown are the value The Items shown are the value of plant and machinery and of vehicles acquired, both new and
second-hand, and the amount received for items
disposed of during the year. The val of disposed of during the year. The value of plant
and machinery acquired includes plant, etc. Which
firms produced for their own use in connection wit the business covered by the return. The value of plant, etc. acquirin the expenditure charged any discounts recelved, but including the cost of transport and installation. Deductible value added
tax is excluded but non-diductlble value added tax tax is excluded but non-deductible value added tax
on motor cars acquired is included. No deduction on motor cars acquired is included. No deduction
is made for depreciation, amortization or obsolescence. The proceeds of amoms disposed of during
the the year exclude amounts written-off for items

Cost of industrial services
This includes amounts payable to other firms for work done on materials supplied by the establishment, payments for respect of rented buildings)
(Including those in and amounts pald to other firms for contracts which
have been sublet. Payments to outworkers are excluded.

Cost of non-industrial services
his includes rent of industrial and commercial indidings, hire of plant and machinery, commercla
nsurance premlums, bank charges and amounts pal for professional services, post office services, transport, advertising etc. Amounts payable on royalies for the right to use patents, frademarks,
opyrights etc., manufacturing and quarrying rights and technical "know-how" are al so included.
Gross output
In the calculation of gross output the value of otal sales and work done is increased by the rise
(or reduced by the fall) during the year in the value of work in progress and goods on hand for Net outpu
Net output, a customary census measure, is calculated by deducting from gross output the cost
of purchases (reduced by the rise, or increased by the fall, during the year of stocks of materlals tc.) and the cost of Industrial services recelved,

Net output per head
The figures of net output per head are derived by
dividing the net output by the average number of dividing the net output by the average number of
persons employed (full and part-time) on all activities covered by the returns, including operatives, administrative, technical and clerical outworkers.

Gross value added at factor cost
Gross value added at factor cost is calculated by deducting from net output the cost of nonindustrial services (e.g. rent of buildings, hire
of plant and machinery, commercial insurance premiums, bank charges and amounts paid for professional services, post office services,
transport and advertising), rates (excluding water ransport and advertising), rates (excluding water
rates) and the cost of licensing motor vehicles. rates) and the cost of licensing motor vehicles.
This estimate of gross value added approaches more closely than census net output to the definition f net output or value added in national accounts statistics.

Gross value added at factor cost per head he figures of gross vatue aded at factor cost per bead are derived by dividing the gross value added
by the average number of persons employed (full and by the average number of persons employed (full and
part-time) on all activities covered by the eturns, including operatives, administrative, technical and clerical employees
proprletors, but excluding outworkers.

Purchases
Include the cost of raw materials,
materlals: of raplaceme parts and works aterlals; of replacement parts and consumal
ools not charged to capital account; of materlals of all types; of stationery and print matter; of fuel, electricity and water; materlals to be used by the establishment or glv out to other establishments for the production
machinery or other capital items for the IIshment's own use; of materials for use by estab establishment when working on goods supplled by
customers; and of food, etc. for any customers; and of food, etc. for any cante
covered by the establishment's return. Transter of goods to the establishment from another depar ment of the same firm not covered by
establishment's return are included at establishment's return are included at a
corresponding to the estimated selling ecorded by the other department. Amounts paya o transport firms or credited to the firm's transport department for dellivery of materlals
excluded, as are all purchases of machinery excluded, as are all purchases of machinery
plant charged to capital account. Purchases goods for merchanting or factoring have be ol lected separately since 1973. The values sh exclude VAT. They include, in addition actual purchase price, the value of packa
materlal charged to the establishment. The val returned goods or packaging materlal retur to suppliers and any trade discounts are exclud
Materials purchased duty-pald are included at the duty-pald value, less any drawback, rebate, The cost of transport is included only if ncluded with the purchase price in the fir
accounts. Imported goods are included at th accounts. Imported goods are included at
full delivered cost. If in the firm's accoun transport from docks or alrport is not included the cost of goods purchased, the cost is entered .1.f. plus duty (if applicable). Leasing, rent

Sales of goods produced
sales for the purposes of the annual censuse means deliverles on sale of goods made by
Ishments in the United Kingdom covered by inquiry. Sates of goods made for these est lishments by outworkers or by other establ ishme from materials given out to them and sales and machinery or other capital tems produced establishments for hiring out or leasing egarded as sales, the value included in
return being that adopted in the establishmenter capital asset accounts. Forward sales and cantee takings are excluded. All sales in the period the inquiry are included irrespective of when goods were manufactured. Goods produced In a stablishment and transferred either to departments not engaged in production for whicg
there are separate accounts, or to anothog establishment of the same firm esturn, are treated as sales by the produchent hey had and valued as far as possible as Goods transferred to an independent purchas organisations, for which separate retall sell
accounts kept are valued on the same besils.
he value
value" de shown for sales is the "net sel added tax) charged to amount (excluding ex-works or delivered customers whe after any deducted and agents' commissions have deducted. The cost of packing materials Industries where products attract Excise Duty value stated is usually inclusive of duty if duty-paid
exported.
Work done and Industrial services rendered Figures for work done represent the amount char for work carried out on materials supplied b

Industries this heading covers a wide varlety of
ctivities, for example, within the food sector activities, for example, within the food sector unter packed making up of garments, fur dressing industries- makish up of garments, fur dressing and fing - preparatory work on type-setting, block raking and binding. Work done is also significant
in the electrical machinery and heavy engineering in the electrical machinery and heavy engineering
industries, covering erection, installation and repair and jobbing work. Other activities within fopis heading include exploration work, research and
thevelopment, glass cutting and dressing and planing
industrial services rendered include repairs and rintenance, installation work, and technica organisations.
capital goods produced for establishments' own use wot during the year by a capltal nature carried
metablishments' own out during the year by
taff for their own use.
on-industrial services rendered
ins includes rents recelved for commercial and industrial buildings, amounts charged for hiring
ut plant, machinery and other goods and amounts out plan to other organisations for the provision of ransport. It also includes amounts recelved for he right to use patents, trademarks, copyrights
tc., manufacturing and quarrying rights and techcal "know-how" and revenue from such staff acilities as canteens.
cods merchanted or factored
lorchanted goods are those (excluding canteen
ales) sold without having been subjected anufacturing process by the seller
tocks and work in progress
and of materials stocks of goods on hand for it the year of return and of the fuel, at the end archanting or any stocks of goods held for oflned as materlals which have been partially
ocessed by the establis. rocessed by the establishment but which are not
sually sold or transferred to another estab sually sold or transferred to another estab-
Ishment without further processing. The yalues iclude the cost of mater lals consumed and labour sed, together with a margin of overhead costs and ontractors are excluded and progress payments ecelved
educted.
ages and salarles
nese are amounts paid during the year to
peratives and to administrative, technical and lerical employees. Payments to working
tor litors, whether called salarles or not, are ixcluded. The values shown include all novertime
ayments. poyments, bonuses and commissions, whether paid
egularly or not, and no deduction is mate for Income tax, insurances, contributory is made for
not and he value of redundancy payments less any amounts he value from Government sources is included. xpenses etc. is excluded.
emuneration pald to outworkers remuneration paid to outworkers (1.e. persons
mployed by the establlishment who do their work in ilr own homes) is generally on a piece-work appear only amounts paid to outworkers whose names Mnounts paid to outworkers by sub-contractors are
acluded. mounts pal
mocluded.
mployers' Insurance and welfare contributions lational Includes employers' contributions to national Insurance and graduated penslons land/or
earnings related basic contributions under the

Social Security Act, 1973) as well as commercial insurance premiums to provide pensions, superannuation or other retirement benefits, sickness
benefits, personal accident benefits, disablity benefits, personal accident benefits, disablility
or death benefits for employees or former or death benetits for employees or former
employees or their dependants. Contributions to
the running costs of canteens, social the running costs of canteens, social contres,
children's and hollday homes, etc. for emplayees, children's and hollday homes, otc. for emplayees,
former employees and thelr dependants are also included.
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