## PA442

## BUSINESS MONITOR

## 1982

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## Report on the <br> Census of Production

## Leather goods

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BUSINESS MONITORS
SPECIAL NOTE FOR PURCHASERS
The Business Statistics Office, aided by industry and commerce, provides much of the statistical data required by Government for monitoring the economy.

You may, if you wish, purchase much of the data in the form of Business Monitors which are a series of publications containing statistical information compiled from inquiry forms sent out regularly by the BSO to selected firms asking detailed questions
about production, sales, employment and investment. Business Monitors are the primary or in many cases the only source of the information they contain.
The Annual Census of Production Monitors deal with the manufacturing, energy, mining and construction industries. There are 118 facturing, energy, mining and construction industries. There are 118
Monitors in this series some of which cover more than one industry and they are all listed overleaf. They are prefixed by a code P (for Production) followed by A (annual series).
The 1980 Annual Census of Production was the first to be produced The 1980 Annual Census of Production was the first to be prod
on the basis of the 1980 revision of the Standard Industrial on the basis of the 1980 revision of the Standard Industrial
Classification with individual reports covering three digit groups o the classification. 1980 reports contain comparable data for 1979, reworked from information originally published on the basis of the 1968 revision of the SIC. Also available is a special summary volume for the 1979 Census of Production based on 1980 SIC, and containing the 1979 Purchases inquiry Bus Purchases Inquiry is
PA1002.1. 1979 Census of Production and available from HMSO Books price $£ 21.00$ reference ISBN 011 5141146.

If you would like details concerning Annual Census of Production data published for earlier years please telephone Newport 56111 (STD 0633) Ext 2455.

If you would like to know more about the complete series Business Monitors please contact HMSO Books (Publicity Department), FREEPOST, Norwich NR3 1BR who will send you
copy of the detailed Business Monitor Brochure which lists the copy of the detailed Business Monitor Brochur. which insts Monitor copies, back numbers or further information regarding the contents of Business Monitors please contact the Librarian, Busines Statistics Office, Government Buildings, Cardiff Road, Newport Gwent, NPT 1XG. Telephone Newport (0633) 5611

# Report on the Census of Production 1982 

Presented by the Secretary of State for Trade and Industry to Parliament in pursuance of the Statistics of Trade Act 1947 ( 10 \& 11 Geo. 6 Cha. 39 sec 7 )

Department of Trade and Industry
Business Statistics Office

## LIST OF INDUSTRY REPORTS

| PA1001 | Introductory notes | PA372 | Medical and surgical equipment and orthopaedic |
| :---: | :---: | :---: | :---: |
| PA111 | Coal extraction and manufacture of solid fuels |  |  |
| PA120 | Coke ovens | PA373 |  |
| PA130 | Extraction of mineral oil and natural gas |  | equipment , watches and other timing devices |
| PA140 | Mineral oil processing | PA374 | Clocks, watches and other timing devices Organic oils and fats |
| PA161 | Production and distribution of electri |  | Processing of bacon, meat and poultry |
| PA162 | Public gas supply | PA412 | Processing of bacon, meat and poulry |
| PA170 | Water supply industry | PA414 | Processing of fruit and vegetables |
| PA210 | Extraction and preparation of metalliferous ores | PA415 | Fish processing |
| PA221 | Iron and steel industry | PA416 | Grain milling |
| PA222 | Steel tubes |  |  |
| PA223 | Drawing, cold rolling and cold forming of stas | PA419 | Bread, biscuits and flour confectionery |
| PA224 | Non-ferrous metals industry | PA420 | Sugar and sugar by-products |
| PA231 | Extraction of stone, clay, sand and gravel | PA421 | Ice-cream, cocoa, chocolate and sugar confectionery |
| PA239 | Extraction of miscellaneous minerals (including salt) | PA422 | Animal feeding stuffs |
| PA241 | Structural clay products | PA423 | Starch and miscellaneous foods |
| PA242 | Cement, lime and plaster | PA424 | Spirit distilling and compounding |
| PA243 | Building products of concrete, cement or plaster | 26 | Wi |
| PA244 | Asbestos goods | PA427 | Brewing and malting |
| PA245 | Working of stone and other non-metallic mi | A428 | Soft drinks |
| PA246 | Abrasive products | PA429 | Tobacco industry |
| PA247 | Glass and glassware | PA431 | Woollen and worsted industry |
| PA248 | Refractory and ceramic goods | PA432 | Cotton and silk industries |
| PA251 | Basic industrial chemicals | PA433 | Throwing, texturing, etc. of continuous filament |
| PA255 | Paints, varnishes and printing ink | PA434 | Spinning and weaving of flax, hemp |
| PA256 | Specialised chemical products mainly for industrial and agricultural purposes | PA435 PA436 | Jute and polypropylene yarns and fabris Hosiery and other knitted goods |
| PA257 | Pharmaceutical products | PA437 | Textile finishing |
| PA258 | Soap and toilet preparations | PA438 | Carpets and other textile floorcoverings |
| PA259 | Specialised chemical products mainly for household and office use | PA439 PA441 | Miscellaneous textiles <br> Leather (tanning and dressing) and fellmongery |
| PA260 | Production of man-made fibres | PA442 | Leather goods |
| PA311 | Foundries | PA451 | Footwear |
| PA312 | Forging, pressing and stamping | PA453 | Clothing, hats and gloves |
| PA313 | Bolts, nuts, etc. ; springs; non-precision chains; metals treatment | $\begin{aligned} & \text { PA455 } \\ & \text { PA456 } \end{aligned}$ | Household textiles and other made-up textiles Fur goods |
| PA314 | Metal doors, windows, etc. | PA461 | Sawmilling, planing, etc. of wood |
| PA316 | Hand tools and finished metal goods | PA462 | Manufacture of semi-finished wood products |
| PA320 | Industrial plant and steelwork |  | further processing and treatment |
| PA321 | Agricultural machinery and tractors | PA463 | Builders' carpentry and joinery |
| PA322 | Metal-working machine tools and engineers' tools | PA464 | Wooden containers |
| PA323 | Textile machinery | PA465 | Miscellaneous wooden articles Artes of cork and plaiting materials, brushes and |
| PA324 | Machinery for the food, chemical and related industries; process engineering contractors | PA466 | brooms |
| PA325 | Mining machinery, construction and mechanical handling equipment | PA467 | Wooden and upholstered furniture and shop and office fittings |
| PA326 | Mechanical power transmission equipment | PA471 | Pulp, paper and board |
| PA327 | Machinery for printing, paper, wood, leather, rubber, | PA472 | Conversion of paper and board |
|  | glass and related industries: laundry and dry cleaning | PA475 | Printing and publishing |
|  | machinery | PA481 | Rubber products |
| PA328 | Miscellaneous machinery and mechanical equipment | PA483 | Processing of plastics |
| PA329 | Ordnance, small arms and ammunition | PA491 | Jewellery and coins |
| PA330 | Manufacture of office machinery and data processing equipment | $\begin{aligned} & \text { PA492 } \\ & \text { PA494 } \end{aligned}$ | Musical instruments <br> Toys and sports goods |
| PA341 | Insulated wires and cables | PA495 | Miscellaneous manufacturing industries |
| PA342 | Basic electrical equipment | PA500 | Construction |
| РАз43 | Electrical equipment for industrial use, and batteries and accumulators | PA1002 | Summary tables |
| PA344 | Telecommunication equipment, electrical measuring equipment, electronic capital goods and passive electronic components |  |  |
| PA345 | Miscellaneous electronic equipment |  |  |
| PA346 | Domestic-type electric appliances |  |  |
| PA347 | Electric lamps and other electric lighting equipmen |  |  |
| PA351 | Motor vehicles and their engines |  |  |
| PA352 | Motor vehicle bodies, trailers and caravans |  |  |
| PA353 | Motor vehicle parts |  |  |
| PA361 | Shipbuilding and repairing |  |  |
| PA362 | Railway and tramway vehicles |  |  |
| PA363 | Cycles and motor cycles |  |  |
| PA364 | Aerospace equipment manufacturing and repairing |  |  |
| A365 | Miscellaneous vehicles |  |  |
| PA371 | Measuring, checking and precision instruments and apparatus |  |  |

The information in this report relates to establishments classified to the Leather goods industry, Group 442 in the Standard Industrial Classification Revised 1980. The industry Group covers the following Activity Heading -

4420 Leather goods
Leather goods

1. Travel goods, saddlery and other consumer goods
Manu facture of travel goods, belts and saddlery and oth
Manufacture of travel goods, belts and saddllery gond other such goods of leather or leather substitutes lincluding plastics and fibre glass). Leather gloves and clothing are classified to the
including special ised bags, are classified to Group 494 . 2. Leather goods for industrial use

For a full description
Office, price $£ 3.40$.
In interpreting the data in the tables it is essential to bear
in mind the notes and definitions which commence on page 9 .

LIST OF CONTENTSTable Title
Output and costs, 1979-1982 4
2 Capital expenditure, 1979-19825
3 Stocks and work in progress, 1979-19825
Analysis of establishments by size, 1982 ..... 6-7
5 Percentage analysis of twelve-month periods covered by returns received from United8
6 Operating ratios, 1979-19828

Output and costs, 1979-1982

|  | Unit | 1979 | 1980 | 1981 | 1982 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Enterprises | Number | 772 | 759 | 750 | 657 |
|  | , | 812 | 797 | 782 | 686 |
| Sales of goods produced | £ million | 152.1 | 163.1 | 143.7 | 136.6 |
| Receipts for work done and industrial services rendered | " | 0.8 | 0.9 | 0.7 | 0.4 |
| Capital goods produced for establishments' own use | " | - | - | - | - |
| Non-industrial services rendered | " | 0.3 | 0.9 | 0.4 | 0.6 |
| Goods merchanted or factored | " | 25.5 | 30.9 | 34.2 | 44.4 |
| Total sales and work done | " | 178.7 | 195.9 | 179.1 | 182.0 |
| Increase during the year, work in progress and goods on hand for sale | " | 5.4 | -3.7 | 0.7 | -2.0 |
| Gross output | " | 184.1 | 192.2 | 179.7 | 180.0 |
| Purchases of materials for use in production, and packaging and fuel | " | 80.2 | 74.8 | 64.9 | 68.2 |
| Purchases of goods for merchanting or factoring | " | 18.7 | 20.9 | 24.7 | 31.5 |
| Increase during the year, stocks of materials, stores and fuel | " | 2.8 | -2.6 | 1.2 | -1.0 |
| Cost of industrial services received | " | 2.0 | 2.5 | 1.8 | 1.3 |
| Net output | " | 86.1 | 91.4 | 89.5 | 78.0 |
| Total employment (b) | Thousand | 16.4 | 15.5 | 13.2 | 11.7 |
| Net output per head | £ | 5,246 | 5,907 | 6,759 | 6,645 |
| Payments for non-industrial services |  |  |  |  |  |
| Hire of vehicles, plant and machinery | £ million | 0.9 | 0.8 | 0.8 | 1.0 |
| Rents of industrial and commercial buildings | " | 0.6 | 1.0 | 1.3 | 1.1 |
| Commercial insurance premiums | " | 1.1 | 1.3 | 1.2 | 1.1 |
| Bank charges | " | 0.2 | 0.3 | 0.2 | 0.3 |
| Other non-industrial services | " | 10.5 | 7.5 | 11.0 | 11.2 |
| Licensing of motor vehicles | " | 0.1 | 0.1 | 0.1 | 0.2 |
| Rates, excluding water rates | " | 1.2 | 1.5 | 1.8 | 1.7 |
| Gross value added at factor cost | " | 71.5 | 78.8 | 73.0 | 61.6 |
| Gross value added at factor cost per head | £ | 4,358 | 5,092 | 5,513 | 5,245 |

ding estimates for establishmets naking satisfactory returns, non-response and establishments not selected for the Census.
(a) Including estimates for establishments not making satisfactory returns, non-response and establishments not selected for the Census.
Satisfactory returns accounted for 39 per cent of employment within the industry.
(b) Average number employed, during the year, including full and part-time employees and working proprietors.

Capital expenditure, 1979-1982
All United Kingdom establishments classified to the industry (a) (b)

|  |  |  |  |  | £ million |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1979 | 1980 | 1981 | 1982 |  |
| Land and buildings |  |  |  |  |  |
| New building work | 0.9 | 0.5 | 0.3 | 0.2 |  |
| Land and existing buildings |  |  |  |  |  |
| Acquisitions | 0.7 | 0.7 | * |  |  |
| Disposals | - | 1.6 | * | $\int_{1}^{0.6 ~ n e t ~}$ |  |
| Plant and machinery |  |  |  |  |  |
| Acquisitions | 2.1 | 2.1 | 2.2 | 1.3 |  |
| Disposals | 0.1 | - | * | 0.3 |  |
| Vehicles |  |  |  |  |  |
| Acquisitions | 2.0 | 1.4 | 1.0 | 1.3 |  |
| Disposals | 0.8 | 0.7 | 0.5 | 0.6 |  |
| Total net capital expenditure | 4.8 | 2.3 | 2.7 | 2.4 |  |

(a) Including estimates for establishments not making satisfactory returns, non-response and establishments not selected for the Census.
(b) Capital expenditure in respect of manufacturing establishments where production had not commenced before the end of the year, is included
table 3
tocks and work in progress, 1979-1982
All United Kingdom establishments classified to the industry (a)

|  | 1979 | 1980 | 1981 | 1982 | Value atend of 1982 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Increase during year |  |  |  |  |
| Materials, stores and fuel | 2.8 | -2.6 | 1.2 | -1.0 | 17.8 |
| Work in progress | 0.7 | -1.9 | - | -0.4 | 3.8 |
| Goods on hand for sale | 4.7 | -1.8 | 0.7 | -1.6 | 15.8 |
| Total | 8.2 | -6.3 | 1.8 | -3.0 | 37.4 |

a) Including estimates for establishments not making satisfactory returns, non-response and establishments not selected for the Census.

Analysis of establishments by size, 1982
All United Kingdom establishments classified to the industry (a)

|  | Estab <br> lish- <br> ments <br> (c) | $\begin{aligned} & \text { Enter. } \\ & \text { prises } \\ & \text { (d) } \end{aligned}$ | Employment |  |  | Wages and salaries ( $f$ ) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Total <br> (e) | Operatives | Administrative, technical and clerical | Operatives |  | Administrative, technical and clerical |  |
|  |  |  |  |  |  | Total | per head | Total | $\begin{aligned} & \text { per } \\ & \text { head } \end{aligned}$ |
|  | Number | Number | Thousand | Thousand | Thousand | £ million | £ | £ million | £ |
|  | 392 | 387 | $1.81$ |  |  |  |  |  |  |
|  | 153 | 150 | $2.2!$ | 6.6 | 1.9 | 21.9 | 3,328 | 11.8 | 6,323 |
|  | 93 | 93 | 2.71 |  |  |  |  |  |  |
|  | 30 | 29 | $2.1)$ |  |  |  |  |  |  |
|  | 18 | 17 | 2.9 | 2.3 | 0.6 | 7.9 |  |  |  |

解

| Accounting year ended |  | Percentage of total returns received | Percentage of total number employed |
| :---: | :---: | :---: | :---: |
|  |  | per cent | per cent |
| 1982 | April (a) | 2.0 | 2.3 |
|  | May | 4.0 | 1.7 |
|  | June | - | - |
|  | July | 6.0 | 7.0 |
|  | August | 2.0 | 0.7 |
|  | September | - | - |
| 1983 | October | 4.0 | 3.0 |
|  | November | 2.0 | 1.2 |
|  | December | 60.0 | 62.9 |
|  | January | 4.0 | 1.1 |
|  | February | - | - |
|  | March (b) | 16.0 | 20.1 |

(a) From 6th April.
(b) Including returns made for twelve-month period ended 1st to 5th April 1983.

## table 6

Operating ratios, 1979-1982
All United Kingdom establishments classified to the industry (a)

|  | Unit | 1979 | 1980 | 1981 | 1982 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Gross output per head | £ | 11.222 | 12,423 | 13.577 | 15,328 |
| Net output per head | £ | 5,246 | 5,907 | 6.759 | 6,645 |
| Grass value added per head | £ | 4.358 | 5,092 | 5,513 | 5,245 |
| Gross value added as a percentage of gross output | \% | 39 | 41 | 41 | 34 |
| Ratio of gross output to stocks |  | 4.4 | 4.2 | 4.0 | 4.8 |
| Wages and salaries as a percentage of gross value added | \% | 62 | 61 | 64 | 73 |
| Ratio of operatives to administrative. technical and clerical employees |  | 5.1 | 4.3 | 3.8 | 3.6 |
| Wages and salaries per administrative. technical and clerical employee | £ | 4,593 | 5.431 | 5,802 | 6,334 |
| Weges and salaries per operative | £ | 2,481 | 2,717 | 3.143 | 3,361 |
| Net capital expenditure per head | £ | 294 | 151 | 200 | 208 |
| Net capital expenditure as a percentage of grass value saded | \% | 7 | 3 | 4 | 4 |

(a) Including estimates for establishments not making satisfactory returns, non-response and establishments not selected for the Census.

These notes give the main information needed for interpreting the figures in the industry Business Monitors: more detailed information
about the census in separate Business Monitor
PA1 1001 Unntrodu
1982.
GENERAL INFORMATION
CHANGES MADE FOR 1982
There were no major changes between the 1982 census and the There were no
1981 census.

INDUSTRIAL CLASSIFICATION
The 1982 census is being conducted on the SIC (Revised 1980).
Th United Kingdom SIC was first issued in 1948 and revised in The United Kingdom SIC was first issued in 1948 and revised in
1958, 1988 and 1980 It exists to promote uniformity and comperability in the official statistics of the United Kingdom. Prior
to the 180 revision the general proinciles followed were those of
to to the 1980 revision the general principles followed were those of
the Interational Standard Industrial Classification of all Iconomic
Activities of the United Nations Statistical Office but for the 1980 the Internaio the United Nations Statisticial Office but for the 1980
Activies of
revision an attempt was made to alig the United Kingdom classifirevision an attempt was made to align the United Kingoom classiti-
cation as closely as practicable with NACE, the classification in ite
. oysin statistical Office of the European Community. .he SIC is a
cassication by activity and not a commodity clasification.

STATISTICAL UNIT
STATISTCAL UNIT for the purpose of the census is the establish-
The statstical unit fort, which is defined in the SIC as the smallest unit which can
ment ment, which is defined in the SIC as the smallest unit which can
provide the information normally reauired for an economic census,
for example, employment. expenses, turnover and
 formation. Usually the principal activities carried on in an estabish
ment fall within a single headingo of the classification (e.g. steel
making or sugar refining). Typically the establishment embrace making or sugar refining). Typically the establishment embraces all
the activities carried on at a single address e.g. a mine or factory. the activities carried on at a single adaress e.g. a mine or factory.
including those which are anilar to the princial activies.
Ereountily distinct activities characteristic of different industries Frequently distinct activities characteristic of different industries
are carried on ot one address, but normally these are not classified
searated and the whole establishment is classified according to the are carried on at one address, but normally these are not classified
separatlly and the whole establishment is classified according to the
main activity main activity. If, however, the required range of data can be
provided for each activity, each is taken to constitute a separate establishment. Sometimes activities which are conducted as a single
business are carried on at a number of addresses. Where this is so business are carried on at a number of addresses. Where this is so
businesses are asked to provide the full range of information in
respect of each address, whether or not the activities are different businesses are asked to provide the full range of information in
respect of each address, whether or not the activities are different
Their activities may, however, be integrated to such an extent that Their activities may, however, be integrated to such an extent that
they constitute a single establisment. In the latter case the they constitute a single establishment. In the latter case the
establishent is defined to cover the combined activities at these
adderses (termed lical units). Separate figures of employment and addresses (termed local units). Separate figures of employment and
net capital expenditure are obtained for each local unit in order to
compile regional tables. Effors are made net capital expenditure are obtianed for each local unit in order to
compile regional tables. Eftors are made by the 8 BO to ensure, by
nepotiating with sespondents, that the return from an establi ishment negotiating with respondents, that the return from an establishment
doos not cover local units in more than one of the countries of the United Kingdom.
Establishments ar
Establishments are asked to exclude from their returns particulars
relating to any deeartment not engaged in production e.g.
merchanting transportor relating to any department not engaged in production e.g.
merchanting, transport or warehousing, for which they keep a
separate set of accounts. Transfers of goods produced to such
denarments separate set of accounts. Transfers of goods produced to such
departments are rreated as sales and respondents are asked to value
them ms tar as possible them as for as possible as if sold tosp andints ine ane asked to value purchaser
there separate accounts are not keot, responders are asked to Where separate accounts are not kept, responders are asked to
include deatils of all these activities in their return. Particulars
relating to head offices mainly engaged in the
 producition units within the scope of the census are included. Where
morthan one return is made the information in respect of the head
officice is apportioned among them. For certain purposes in the office is apportioned mamong them. For certain purposes in the
censuses of production (e.g. for disclosure testing and the censuses of production (e.g. for disclosure testing and the
prearation of the enterprise analyses shown in Business Monitor
PA1002) reated
 An enterprise group is defined as a business consisting of either a
single establishment or two or more establishments under common
ownershin
 establishments, the changing structure of groups of companies and
about common ownership links is obtained from many sources


A computerised
A computerised register of about 124,000 production Units
throughout the United Kingdom is held in the BSO. This register provides the basis for a wide range of BSO inquiries mailed to the
production sector. For each produt identification partorticulars eand production unit the register contains
for ination about a units eligibility
 common ownership; industrial classitication; nationality of parent
company if foreign owned and location indicators permitting
and company urereign owned and location indicators permitting
regional analyses. Regional and size analyses ot manutacturing
local units are published each year in Business Monitor $P A 1003$ local units are published each year in Business Monitor PAl003
(Analyses of United Kingdom Manufacturing (local) units by employment size).
The inquiries prov
The inquiries provide a major source of information for keeping
the register continuously up-to-date and act as a check on its the register continuously up-to-date and act as a check on its
structure For the establishments on the register making returns to
the quarterly inquiries into the quarterly inquirires into manufacturess sales, industrial classi-
fication is derived from an analysis of their and is reviewerd annually. an aralysis of their conmmodity salies
no untor establishments for which no up-to-date information was available classification to SIC
Revised 1980 was made on a poor-rata absis
fication pattern by line with the reclassification pattern by industry of establishments for which actassi
product sales data was held. Employment data are entered register form the the quarterly inquiries and the censuses
production. Where establishments production. Where establishments do not make a return to these
inquiries the employment atata are based on information provided
by the Department by the Department of Employment from censuses of employment
New additions to the repister are obtained New additions to the register are obtained from various sources
includini value Added Tax records, the Census of Employmen
and register proving forms. and register proving forms.

COVERAGE
The census
production and SIC (Revised 1980). The Channel Islands and the isle of Man Under the sampling arrangements agreed for the 1982 census to 49 and 50 to 99 employment size bands respectively for 2 os industries, where there were a very few number of production bands, all, wstablishments with ermploymentits of in the sample size
included. Units emploving fewer than 20 continued included. Units employing fewer than 20 continued to be exempt
from selection. All units employing 100 or more were subiect to a from selection. All intirs employing
full coverage. The total number of forms mailed wed was subject to a
in sample of undertakings emploving 20 to 49 and all undertakings employing 50 or more. The total number of forms mailed was
5.800 .

SUPPRESSION OF INFORMATI
UPpression of information relating to
Subsection $9(5)$ (b) of the Statistics of Trade Act, 1947 states that:
'The following provisions shall have report, summary or other communication to the public of information obtained under the foregoing provisions of this act competent authority shall so arrange it as to prevent any particulars published therein from being id to prified as beant being
particulars relating to any individual person or undertaking particulars relating to any individual person or undertaking
except with the previous consent in writing of that person or
 but this provision shall not prevent the disclosure of the total
Guantity or value of any articles produced, sold or delivered: so, however, that before disclossing any such or total the
competent authority shall have regard to any representans made to them by ay person who alleges that the disclosure
nereof would enable particulars relating to him or to an undertaki
disclosed
Where the publication of any figure is likely to d relating to an individual undertaking, either the contributor
approached to seek consent for publication or the figure suppressed. Where consenient, suppression takes the form of ombining the disclosive figure with adjacent cells. Steps are also
aken to avoid the release of figures which may lead to disclosure taken to avoid the release of figures which may reaa to
by deduction when compared with other census results.
SYMBOLS USED
he following symbols are used throughout the PA series of not available
nil or less than half the final digit shown
figures cannot be shown owing to the risk of disclosing
information about individual enterprises.

ROUNDING OF FIGURES
Figures in the taboes have, where necessary, been rounded to the
nearest final digit. Where figures have been so rounded, the sum of


EXPLANATION OF TERMS USED IN THE CENSUS REPORT The notes and definitions siven in this section are mainly based on
the eneral instuctions siven to respondents as to to the wav in which the general instructions given
return were to be completed.
CAPITAL EXPENDITURE
Capitat expenditite during the vear in respect of production units
where erocuction had not started before the end of the year

 or local authority Establishments with 100 or mort employeds
were asked toinclude
cale were asked to
calendar rear.

 bubididing and on the extension or reconstruction of old buildings
 purchased. Figures sho
agents commisions, etc.

Land and existing buildings
The items shown are the capita
The items shown are the capital cost of freeholds purchased and the
capital cost or premium payable for leaseholds acquired lexcluding the value of assets acquired in taking over an existing businesss), and the amounts receivable for freholdd 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 o
vee items shown are the value of plant and machinery and of
vehicess acquired both new and second-hand, and the amount
recived for items disposed of during the year, The value of received for items disposed of during the year. The value of plan
and machinery acquired includer plant, etc. which firms produce
for their own use in for their own use in connection with the business covered by
the return. The value of plant, etc. acquired is the expenditure the return. The value of plant, etc. acquired is the expenditure
charged to capital account luring the eear of return less any
discounts recived, but including the cost of transort and
instant installation. Deductable value added tax is excluded but non-
deductible value added tax on motor cars acquired and Customs and Exise car tax are includd. No deduction is made for
depreciation, amortization or obsolescence. The proceeds of items depreciation, amortization or obsolescence. The proceeds of items
disposed of during the year exclude amounts written-off for items
scrapped.

CAPITAL GOODS PRODUCED FOR AN ESTABLISHMENT'S
OWN USE
This includes all work of a capital nature carried out during the year
by the establishment's own statf for their own use.
COST OF INDUSTRIAL SERVICES
This includes amounts payable to other firms for work done on
materials suppliied by the establishment, payments for repairs and maintenance lincluding those in respect of rented buuildings, and
amounts paid to other firms for contracts which have been sublet. amounts paid to other firms for con
Payments to outworkers are excluded.
COST OF NON-INDUSTRIAL SERVICES
This includes rents of industrial and commercial buildings, hire of
plant, machinery and vehicles (excluding vehicles hired with plane, mactinery and venicles excluding venicles hired with
divers., commerial insurance premiums , bank charges and amounts
paid for professional services, post office services transport with paid for professional services, post office services, transport (within
the United Kingdom), advertising, etc. Amounts payable on royalties for the right to use patents, ,trademarks., copprights. etc.,
manufacturing and quarrying rights and technical "know-how" are
also included.

EMPLOYMENT:
AVERAGE NUMBER EMPLOYED
AVERAGE NUMBER EMPLOYED
Establishments were required to state the average number of persons
on the pay roll during the year of return. Senarate figures were on the pay
required for
a. administrative, technical and clerical employees
b.
all other employees (operatives)

Aveerages could each calendar month. Establishments were also required week tate the number of working proprietors where appropriate and
to stand
hese are included in these are included in total employment tigures. Full-time and pand
time employees are included but outworkers (i.e. persons emplored
 by estabishments who worked in their own homes, etc. On materials
supplied by the estababilishment) are excluded. The figurs include
persons engaged on merchanting or factoring and canteen woorerers persons engaged on merchanting or factoring and canteen workrore
where particulars in respect of these activities could not be excluced
trom where particular
from the return
WORKING PROPRIETORS
insurance purposes and members of their families who work in the business without receiving a wage or salary; but such persons who
work less than half the no excluded. Directors working in the business but not in receipotof of a definite wage, salary, or commission are included under this
heading: directors paid by fee only are not included.

EMPLOYEES
Administrative
Administrative, tectnical and clerical employees include directors
 and all officicemployees.
Operatives include all other classes of employees, that is, broadly
speaking all manual wage earners. Operatives include all other classes of employees, that is, broadly
speaking all manual wage earners. The includ opeatives
employed in power stations, inspectors, maintenance workerts and employed in power stations, inspectors, maintenance workers and
cleaners. Statf engaged in transport (includinang roundmen) or
Imper employed in warehouses, stores, shops and canteens, shoula be
included only where separate accounts are not kept.
operatives engaged in outside work of
but outworkers are excluded.
EMPLOYERS' INSURANCE AND WELFARE CONTRIBUTIONS under the Social Security Pensions Act, 1975, as well as commercia insurance premiums to provide pensions, superannuation or othe
retirement benefits, sickness benefits, personal accident benefits. retirement benefits, sickness benefits, personal accident benefits
disability or death benefits for employees or former employees
or their dependants. or their dependants.
Contributions to the running costs of canteens, social centres
children's and holiday homes, etc. for employees, former emplovees Contributions to the running costs of canteens, social centres
children's and holiday homes, tect for employees, former emplovees
and their dependants are also included.

GROSS OUTPUT
In the calculation of gross output the value of total sales and work
done is increased by the rise (or reduced by the fall) during the yea done is increased by the rise (or reduced by the fall) during the
in the value of work in progress and goods on hand for sale.
GROSS VALUE ADDED AT FACTOR COST Gross value added at factor cost is calculated by deducting from
net outpot the cost of non-industrial servicese..g. rent of buildings hire of plant, machinery and vehicles (excluding vehicles hired
with drivers). commercial insurance premiums, bank charges and amounts paid for professional services, post office services, transonor (within the United Kingdom) and advertisisg, rates (excluding water
rates) and the oost of licensing moto vehictes. This estimat of
gross value added approaches more closely than census net output gress value adddod approaches more closely than census net output
to the definition of net output or value added in national accounts
statistics. statistics.
GROSS VALUE ADDED AT FACTOR COST PER HEAD The tigures of gross value added at factor cost per head are derived
by dividing the gross value added by the average number of persons by dividing the gross value added by the average number of person
emploved (full and part-timel on all activities covered by the
returns including returns, including operatives, administrative, technical and clet
employees and working proprietors, but excluding outworkers.
NET OUTPUT
Net output, a
Net output, a customary census measure, is calculated by deducting
from gross output the cost of purchases (redula increased by the fall, curing the year of stocks of materiais.s. etc.).,
the cost of industrial services receiver and etc.
NET OUTPUT PER HEAD
tout figures of net output per head are derived by dividing the ne time on all activities sovered by the returns. including operatives,
tidministrative, technical and clerical employees and working
tither administrative, technical and cleric
proprietors, but excluding outworkers.

NON-INDUSTRIAL SERVICES RENDERED
This includes rent for hiring out plant, machinery and vehicles and amounts coargend or hiring out plant, machinery and vehicles and
other goods and amounts charged to other organisations for the
and ther goons of transport. It also includes amounts received for the
reovion
ight to use patents, trademarks. copyrights etc., manufacturing right to use patents., trademarks., copyrights etc., manufacturing
and quarrying rights and technical "know-how" and revenue from
asch staft facililities as canteens.
operating ratios
OPERATING RATIOS
The operating ratios shown are obtained by dividing the estimate of
The industry total for the quantity shown in the numerator by the the industry total for the quantity shown in the numerator by the
corresponding estimate for the quantity shown in the denominator. corressonding estimate for the quantity shown in the denominator.
These estimates cover all estabalishments classified to each industr).
including establishments not selected and non-respondents. Within Incsuding establishments not selected and non-respondents. Wi thin
an industry, it it sossible to compare ratios for an individual firm
an in an indust,
with the ratios shown for the relevent industry. However, it is
important to bear in mind that various factors may affect the results mportant to bear in mind that various factors may affect the results
e.g. differences in definitions, rreatment of depreciation (which is
and


PURCHASES
Purchases include the cost of raw materials, components, semi-
manutactured goods and workshop materials; of replacement parts
 materials of all types; of stationery and printed matter, of fuel.
electricity and water: of materials to be sud by the establishment electricity and water, of materials to be used by the establishment
or given out ot oter establishents for the production of mach-
inery or other capital items for the establishment's own use; of inery or other capital items for the establishment's own use; of
materials for use by the establishment when working on goods
supplied by customers; and of food, etc. for any canteen covered supplied by customers, and of food, etc. for any canteen coverred
by the establishment's return. Transfers of goods to the estabby the establishment's return. Transfers of goods to to estab estab
lisment from another department of the same firm not covererd by
isher the establishmentst return are included at a cost corresponding to
the estimated selling value recorded by the other department. the estimated selling value recorded by the other department.
Amounts payable to transoort firms or credited to the firm's own
transoort deopartment for delivery of materials are excluded as are transort deapartment for delivery of materials are excluded, as are
all purchases of machinery and plant charged to capital account. all purchases of machinery and plant charged to capital account.
purchases of goods for merchanting or factoring have been collected separately since 1973. The values shown exclude VAT. They
incluve. in addition to the actual purchase price, the value of packaging material charged to the establishmentent. The value of ferturned
poods or pack aging material returned to the supoliers and any trade goods or pack aging material returned to the suppliers and any trade
discounts are excluded. Materials purchased duty-paid are included discounts are excluded. Materials purchased duty-pard are includded
at htir duty-paid value, less any drawback. rebate etct. The cost of
itansort is included only if it is included with the transport is included only if it is included with the purchase roice
in the firm's accounts. Imported goods are included at their full in the firm's accounts. Imported goods are included at their full
delivere cost. It it the firm's accounts the transport rom dock or
airport is not included in the cost of goods purchased, the cost is airport in int included in the cost of toods purchased, the cost is
entered at cif plus duty (if applicable).
RECEIPTS FOR WORK DONE AND INDUSTRIAL SERVICES Figures for work done represent the amount charged for work
carried out on materials supplied by a customer and include repair
 commission: within the textile industries - making upo of garments,
fur dressing and textile finishing; within printing and publishing -
 Work done is also signififant in the electrical machinery and heavy
engineering industries, covering erection, installation and repair and engineering industries, covering erection, installation and repair and
iobbing work. Other activities within this heading include explor-
O. stion work, research and development, glass-cutting and dressing
and planing of timer. and planing of timber.
Industrial services rendered include repairs and maintenance,
installation work, and technical research and studies for other installation W W
organisations.

REMUNERATION PAID TO OUTWORKERS
The remuneration paid to outworkers (i.e.
The remuneration paid to outworkers (i.ie. persons employed by the
establishment who do their work in their own homes) is generally on a piece-work basis. only amounts paid to outworkers whose names appear on the establishment's payroll are included. Amounts
paid to outworkers by sub-contractors are excluded.
SALES OF GOODS PRODUCED
Sales for the purposes of the annual censuses means deliveries on
sale of goods made by establishments in the United Kingdom covered goods made by establishments in the United Kingdom
byquiry. Sales of goods made for these establishments by outworkers or by other establishments from materials
given out to them and sales of waste products are included. For ward sales and cantenan takings are excluded. All sales sin the period
of the inquiry are included irrespective of when the goods were
mane of the inquiry are included irrespective of when the goods were
manufactured.

Goods produced in one establishment and transferred either to
ancillary departments not engaged in production for which there are ancillary departments not engaged in production for which there ar
separate accounts. or to another establishment of the same firm no covered by the return are treated as sales by the producing establish-
ment and valued as far as possible as if they had been sold to an ment and valued as far as possibe as if they had been sold to an
indeependant purchaser. Goods transferred to wholesale or retail selling organisations, for which separate accounts are kept, are
valued on the same basis. valued on the same basis
The value shown for sal
The value shown for sales is the "net selling value" defined as the
amount (excluding VAT) charged to customers, whether on an ex works or delivered basis, atter any trade discounts and agentsis con missions have been dedicucted . The cost of packing materials less allowance for returnable cases is included. In industries where
products attract Excise Duty the value stated is usually inclusive
of duty if sold duty-paid and exclusive of duty if sold in bond or exported.
STOCKS AND WORK IN PROGRESS
Values are given of stocks of goods on hand for sale and of
materials. stores and fuel at the end of the year of return and of the
mate materials, stores and fuel, it the end on the year of returran and the
change during the year, including any stocks of goods held for merchanting or factoring.
Work in progress is defined as materials which have been partially
processed by the establishment but which are not usually sold or transterred to another estabishment without further procs The values include the cost of materials consumed and labour used. Progress payments made to sub-contractors are excluded and
progres
deducted

WAGES AND SALARIES
These are amounts paid during the year to operatives and to admin-
istrative technical and clerical employees. istrative, technical and clerical employees. Payments to working
proprietors, whether called salaries or not, are excluded. The values shown include all overtime payments, bonuses and commisisions,
whether paid reaularly or not, and no deduction is made for income whether paid regularly or not, and no deduction is made for income
tax, insurances, contributory pensions, etc. The value of redundancy payments less any amounts reimbursed from Government
sources is included. The values of any payments in kind, travelling expenses, etc. is excluded.
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