SECURE DATA SERVICE

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About the **Service**

Working with data owners, we provide
researchers with secure access to data that
are too detailed, sensitive or confidential to
be made available under the standard
licences operated by our sister service, the
Economic and Social Data Service (ESDS).

About the **Service**

- For the academic research community in the UK
- Delivered by the UK Data Archive
- Funded by the Economic and Social Research Council
- Supported by the Office for National Statistics
- Government and ISO 27001 accredited
- Officially launched in March 2011

The **data**

Annual Business Inquiry, 1973-2008: Secure Data ...
The Annual Business Inquiry (ABI) is the financial information survey conducted by the Office for National Statistics (ONS). This is a statutory survey conducted under ...

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Annual Inquiry into Foreign Direct Investment, ...
The Annual Inquiry into Foreign Direct Investment (AFDI) collects financial data concerning Foreign Direct Investment (FDI). The survey is conducted in two parts: the ...

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Annual Population Survey, 2004-2010: Secure Data ...
The Annual Population Survey (APS) is a major survey series, which aims to provide data that can produce reliable estimates at local authority level. Key topics covered ...

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Annual Survey of Hours and Earnings, 1997-2009: ...
The Annual Survey of Hours and Earnings (ASHE) is one of the largest surveys of the earnings of individuals in the UK. Data on the wages, hours of work, and pensions ...

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British Household Panel Survey, Waves 1-18, ...
The British Household Panel Survey (BHPS) is conducted by the ESRC UK Longitudinal Studies Centre (ULSC), together with the Institute for Social and Economic Research ...

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Business Expenditure on Research and Development, ...
The Business Expenditure on Research and Development is an annual survey whose main purpose is to supply data for policy purposes on Science and Technology, of which ...

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Business Spending on Capital Goods, 2000-2004 and ...
The Business Spending on Capital Goods survey is an annual survey of business organisations in the UK that collects data about acquisitions and disposals of capital, ...

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E-commerce Survey, 2000-2008: Secure Data Service ...
The E-commerce Survey is an annual survey designed to measure the extent of the use of Information Communication Technologies (ICTs) (i.e. computers, internet ...

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Learn more at securedata.data-archive.ac.uk/find/

SECURE DATA SERVICE
enabling the research **community**

The **data**

- ONS
    - Business data
    - Social survey data

- ESRC-funded/other
    - British Household Panel Survey
    - Understanding Society
    - Millennium Cohort Study linked to a subset of the National Pupil Database
    - English Housing Survey

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Potential new **data**

- English Longitudinal Survey of Ageing linked to benefits and National Insurance data

- Understanding Society linked to the National Pupil Database

- A version of the National Pupil Database itself

- Data from other government departments, such as the Department for Work and Pensions

- Medical/health data

- Police incident data from Home Office

Application **process**

- Order through the Economic and Social Data Service

- Complete application form – vetted by us and data owners

- Attend mandatory face-to-face training

- Complete Service User Agreement that requires institutional signature

- Receive member logon

Training

- an introduction to the training, the service and other similar services

- data security and personal responsibility, including legal background, security model, breaches and penalties

- Statistical Disclosure Control - how to make statistical outputs safe and what principles are used, including hands-on exercises

- using the Secure Data Service - about the service and how to use it, how to obtain outputs and how to use the service safely

Using the **Service**

- Institutional desktop access

- Secure remote access – can't download, copy and paste, print

- Access to standard software

- Conduct all research within the secure environment

- Final outputs are checked by the team for Statistical Disclosure Control before being released

How we're **secure**

- secure data technology and procedures
  - Including ISO 27001

- staff criminal record checks

- training and convenience for approved researchers

- meaningful penalties for breaches
  - UK Statistics Act
  - ESRC backed penalties

Service **developments**

Ongoing

- Data and documentation enhancements
- Improvement of back-end systems
- Measuring impact
- Safe room onsite as part of a national secure data centre
- Data without Boundaries
    - EU project
    - Onsite and remote access for non-resident researchers

Future

- 'Collaboratory'
- Remote access network
    - UK
    - European
    - International

Service **usage** (2011)

- 185 researchers trained

- 79 member logons issued

- 35 datasets (series) acquired

- 23 outputs vetted, 19 approved, 4 declined

- Case studies and current research

  - http://securedata.data-archive.ac.uk/our-data-at-work

Lessons **learned**

- When negotiating with National Statistical Institutions involve staff at all levels

- Manage data owner expectations – avoid classification drift

- Manage researcher expectations

- Software costs

- Administration

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