Better Knowledge
Better Society

The Administrative Data Research Network
Prof. Chris Dibben
University of Edinburgh
Administrative Data

- collected by government departments and other organisations...
  - registration, transaction and record keeping,
  - delivering a service or for day-to-day operations
  - not research-ready

- cover a population

- important new resource for social scientists
  - coverage, methodology
  - better understanding of our society
  - better informed government policy
Who we are

4 Administrative Data Research Centres (ADRCs)
- [secure environments, research support, original research, local data negotiations]
  - England – led by University of Southampton
  - Northern Ireland – led by Queens University Belfast
  - Scotland – led by University of Edinburgh
  - Wales – led by Swansea University

Administrative Data Service (ADS) – led by UK Data Archive, University of Essex
- [Network coordination, first point of contact, UK data negotiations]
What we do (1)

- facilitate access to linked administrative data for socio-economic research with potential public benefit
- identify and develop pathways to access
- negotiate access on behalf of researchers
What we do (2)

- provide a secure linkage service via Trusted Third Parties
- implement a secure national infrastructure to enable data analysis to be carried out with the minimum risk of disclosure
- undertake original socio-economic and methodological research
How does it work?

**Project Development**
- Contact us & find out if ADRN is right for your research project
- Discuss & develop your project idea with User Services to explore possibilities
- Complete the project proposal form, which will be presented to the Approvals Panel
- Complete the researcher application form to tell us more about your team and show your institution's support

**Approval & Data Negotiation**
- The Approvals Panel decides if the project is feasible and if it can progress
- Data Negotiation: the Network negotiates on your behalf with data custodians
- Data Linkage: the Network matches and links the data via a trusted third party and prepares your bespoke dataset

**Start your analysis**
- Be trained in the safe use of de-identified data (for all researchers who access data)
- Access data in one of our Administrative Data Research Centres

**Finalise your research**
- Statistical Disclosure Control before your results can be released
- Disseminate your findings to the public and make an impact on society with your research
What are the data available?

- we do not hold any data
- but we can negotiate for you - we offer a bespoke data service
- we have agreements with some data owners – ask us
- we need to know:
  - the data sources you are interested in
  - the kind of data you need to answer your research question
Data Analysis

- Data analysis and processing within a secure environment - all data to remain within the secure environment in one of the ADRCs.

- Analyses and results researchers wish to place in the public domain checked for possible disclosure by at least two ADRN staff members.

- Check out our training events and come and ask us if you have any questions!
Where can I access the data?

- on specific locations only, currently
  - England: London, Southampton, Titchfield
  - Northern Ireland: Belfast
  - Scotland: Edinburgh
  - Wales: Swansea, Cardiff

- for more details see adrn.ac.uk
How long will it take?

- no precise timeframes – will depend on
  - data requested,
  - if agreements are already in place
  - complexity

- negotiation on a project-by-project basis

- a long and complex process

- we will keep you updated on developments
Research being supported by the ADRC-S

Recovery through nature (with 3rd Sector) – drug rehabilitation

HAGIS Healthy Ageing in Scotland
Historical administrative data

Linked data in the 1936 Birth Cohort Study

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<th>Year (Age)</th>
<th>1936 (0)</th>
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<th>1970 (34)</th>
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<td>Vital Events: marriages, deaths and widowhood</td>
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<td>NHS Health Data: cancer registry, hospital admissions, maternity, etc.</td>
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<td>NHSCR Data: migration history (migration into and out of Scotland, changes of Health Board) and mortality (date of death)</td>
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Public Engagement

- Advice on public engagement/ public benefit
- A Scottish public panel – exploring attitudes to the use of justice data
- Major reunion of ‘children of the 1950’s’ study members in Aberdeen
Legal research and guidance

- Providing guidance on new EU Data Protection Regulation
- Notes on data sharing powers across the devolved countries of the ADRN
- Decision making matrix – public interest mandate
- Guidance for Scottish Data Controllers to help with Public Records Scotland Act 2011
Producing open microdata for teaching, development and research – synthpop

Working with:

Innovate UK

synthpop®

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Questions? Project Ideas?

Administrative Data Research Network

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tw: @adrn_uk

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SAVE THE DATE

ADRN Conference 2017

1-2 June 2017, Edinburgh

Submit your abstracts by

1 February 2017

More information: adrn2017.net

Better Knowledge, Better Society
Informatics for Health 2017

Published on: 4th July 2016

Informatics for Health 2017

When
24 - 25 April 2017

Where
Manchester, UK
Manchester Central

Abstract submission closes 7th November 2016.

In 2017 The Farr Institute’s annual conference will partner with the European Federation for Medical Informatics annual Medical Informatics Europe event. The Congress will be known as Informatics for Health.