Introducing the Administrative Data Research Network

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- Who we are
- How we work
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Who we are:

- A UK-wide partnership
- Administrative Data Service - University of Essex
- 4 Administrative Data Research Centres
  - England – University of Southampton
  - Northern Ireland – Queens University Belfast
  - Scotland – University of Edinburgh
  - Wales – Swansea University
Our partners
The story up to now...

The Big Data Family is born - David Willetts MP announces the ESRC Big Data Network

10 October 2013

David Willetts MP, Minister for Universities and Science, speaking at the prestigious Mountbatten Memorial Lecture last night, announced the recipients of the first phase of the Economic and Social Research Council (ESRC) £6 million funding of investment in Big Data. Four new innovative administrative data research centres and a data service will strengthen the UK’s competitive advantage in Big Data.

The centres and service together form the Administrative Data Research Network (ADRN), which will enable research based on linked data between government departments and be overseen by a single governance structure that will allow for consistent and robust decision-making.

2011-2012:
Administrative Data Taskforce Report

Oct 2013:
ESRC funds 4 ADRCs and ADS

2013-2014:
Network setup and policy development

2014:
Ipsos Mori “Public Dialogue on Data”

Nov 2014:
open for applications

Dec 2015:
70 applications, ~20 approved, ~7 accessing data

5 Dec 2015:
70 applications, ~20 approved, ~7 accessing data

~7 accessing data
How we work

Administrative data:

- Gathered by government while rendering services to the public
  - Tax records
  - Educational records

- Not given with consent to link for research
Process

- **Application**
  - eligibility - academic, government with relevant research experience

- **Approvals Panel of independent experts**
  - Ethical review, privacy assessment, feasibility, public benefit & scientific merit

- **User accreditation and training**

- **Negotiation with data owners**
  - Bespoke data set - variable timescales. No ‘store’ of data.

- **Linkage via Trusted Third Party**

- **Analysis in a secure environment**

- **Plain English summaries of research published**
Animation
https://www.youtube.com/watch?v=nnxz3_XGMAE
Possibilities

- Do not hold data - negotiate a bespoke data linkage
- Talking to data owners to establish contents of data sets
- Examples:
  - Housing data
  - Ministry of Justice
  - Police – arrest records
  - Convictions
  - DWP
- Linkage to surveys is dependent upon consent
U.S. recession fuels crime rise, police chiefs say

WASHINGTON | BY ROBB COVIN

A woman who had an arrest warrant for possession of crack cocaine is handcuffed in South Los Angeles, November 12, 2008. REUTERS/LUCY NICHOLSON

How recession has sent violent crimes rate soaring by 11%

KNIFE-POINT robberies, burglaries and violence are all on the increase - sparking fears that the recession is fueling a crime wave across Britain.

By Anil Dasar
Published: 2010, Thu Jan 19

Crime figures show rise in theft as recession bites

Overall crime down 4% but ‘snatch and steal’ robberies spike by 25%

An unexpected 25% surge in personal thefts and a 4% increase in burglaries are

The paradox of falling crime rates in a recession

Posted on 30 Apr 2013

Person
+ lost job
+ property crime
+ first time offender

Introducing the ADRN | J Webb| 11 Dec 2015, Crime Survey Users Conference