Introducing the Administrative Data Research Network

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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

Introducing the ADRN | J Webb | 11 Dec 2015, Crime Survey Users Conference
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
Huntington Memorial Lecture last night, announced the recipients of the first phase
of the Economic and Social Research Council (ESRC) £54 million funding of
involvement 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 her
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
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=nxz3_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 ROBBI CULVIN

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

REUTERS/LUCY NICHOLSON

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

How recession has sent violent crimes rate soaring by 11%

KNIFE-POINT robberies, burglaries and violence are on the rise - sparking fears the recession is felling a crime wave across Britain.

By AMBEGAUR
PUBLISHED: 2010, Thu, Jan 19, 2012

Person
+ lost job
+ property crime
+ first time offender