

Better Knowledge Better Society

Introducing the
Administrative Data
Research Network

Melanie Wright
Administrative Data Service



Administrative Data
Research Network

An ESRC Data
Investment

Our Structure

- ▶ Four Administrative Data Research Centres (ADRCs), one in each UK country
 - ▶ England – led by University of Southampton
 - ▶ Northern Ireland – led by Queens Uni Belfast
 - ▶ Scotland – led by University of Edinburgh
 - ▶ Wales – led by Swansea University
- ▶ Coordinating Administrative Data Service (ADS) – led by University of Essex



About ADS – Who We Are

- ▶ Partnership
 - ▶ UK Data Service (Essex)
 - ▶ Administrative Data Liaison Service (Mancs, Oxford)
- ▶ Five main teams:
 - ▶ User Services (Essex)
 - ▶ Comms & Stakeholder Engagement (Essex)
 - ▶ Training and Capacity Building (Manchester)
 - ▶ Legal Guidance (Oxford)
 - ▶ Management and coordination (Essex)



About ADS – What We Do

- ▶ Coordinate activities across the Network
 - ▶ Facilitate internal working groups
 - ▶ Keeper of ADRN-wide Comms and PubEng strategies
- ▶ Act as the front door to the Network
 - ▶ Website, branding, data catalogue, guides
 - ▶ Help Desk
 - ▶ Advice on legal issues
- ▶ Oversee/track the User Journey
 - ▶ Assist in project proposal preparation
 - ▶ User accreditation and training
 - ▶ Negotiate with data owners for access to data
 - ▶ Administer Approvals Panel, Expert Advisory Groups
 - ▶ Track impact
- ▶ Develop network-wide standards and protocols



About ADRC-England

- ▶ Led by the University of Southampton and run in collaboration with
 - ▶ University College London
 - ▶ The London School of Hygiene and Tropical Medicine
 - ▶ The Institute for Fiscal Studies
 - ▶ The Institute for Education
 - ▶ The Office for National Statistics
- ▶ Director: Peter Smith (UoS)
- ▶ Deputy Directors: Dave Martin (UoS), Ruth Gilbert (UCL) and Ben Humberstone (ONS)
- ▶ Assistant Director (Operations): Emma White (UoS)

ADRC-E Infrastructure

- ▶ Secure research laboratories in Southampton and London for the analysis of de-identified linked administrative data
- ▶ Access to the Office for National Statistics Virtual Microdata Laboratory
- ▶ Remote access to secure servers at Southampton
- ▶ Staff to support researchers using ADRC-E facilities
- ▶ A team of academics providing advice and leading coordinated research programmes
- ▶ Programme of user outreach and training on the use of administrative data



The Administrative Data Research Centre - Northern Ireland



- ▶ Linkage service
- ▶ Safe setting
- ▶ Data acquisition
- ▶ Public engagement
- ▶ Training, capacity building
- ▶ Research

Researcher support



ADRC-Scotland

- ▶ Co-located with Farr Institute, Scottish Government and NHS.
- ▶ Universities of Aberdeen, Dundee, Edinburgh, Glasgow, Herriot-Watt, St Andrews and Stirling.
- ▶ Expertise in admin. data and Public Engagement, linkage, Law and relevant computer science techniques.



About ADRC-W

- ▶ Collaboration between Swansea and Cardiff Universities, with committed co-applicants from across Wales.
- ▶ Breadth of expertise across social sciences and health
- ▶ Unique data resources and research interests from Welsh Government partners
- ▶ Director: DV Ford. Assoc. Directors: K. Jones (data and methods; R Davies (user support). Programme Manager: J Smart.





- ▶ ADRC-Wales located in a purpose-built Data Science building, funded by ESRC, MRC & Welsh Government
- ▶ High security data lab and server farm, with linked node in Cardiff

- ▶ Co-location with Farr Institute Centre, NHS and Welsh Government Data Scientists
- ▶ Security designed-in from the beginning
- ▶ Privacy protection and information governance from the foundations up.
- ▶ Sharing best practice, collaborating on shared problems

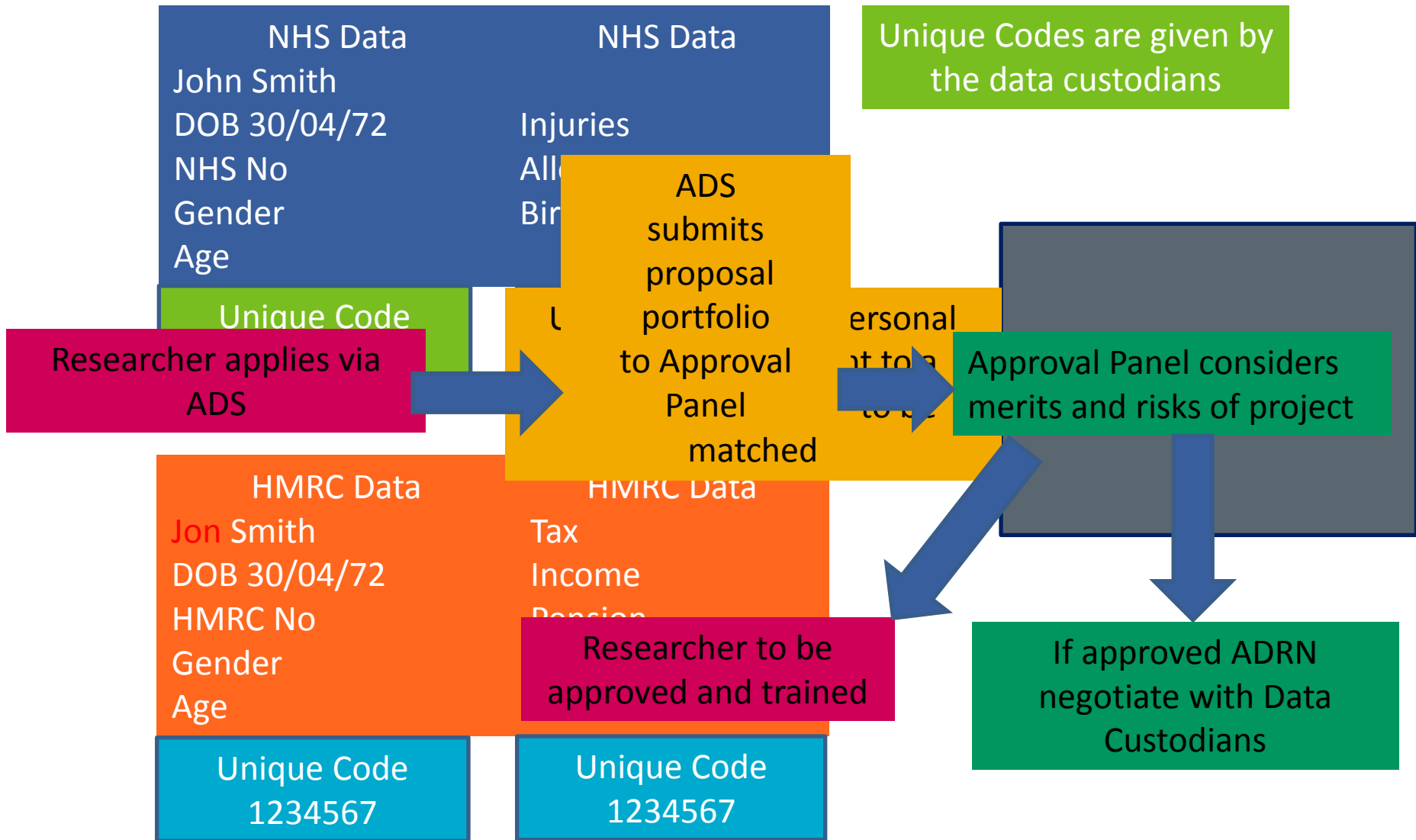


How It Works

- ▶ Website “front door”
- ▶ Catalogue of metadata
- ▶ Guidance on legal responsibilities, gateways
- ▶ Good practice guides
- ▶ Application support

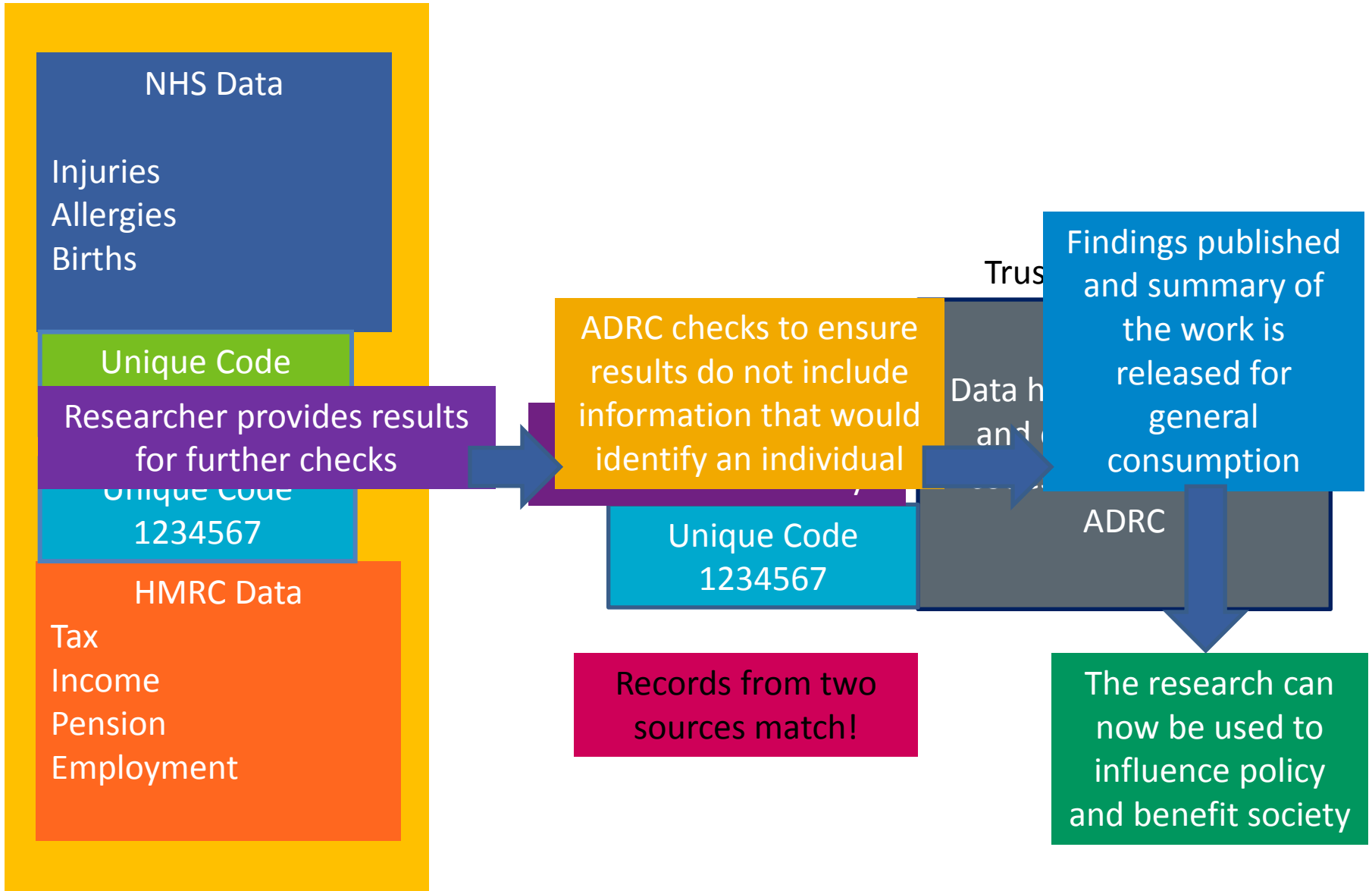


Administrative Data held by Data Custodians



Research linking of matched data

ADRC



Our Governance and Oversight

- ▶ ADRN Board convened by UK Statistics Authority – reports to Parliament
- ▶ Management Committee convened by ESRC – reports to BIS
- ▶ Approvals Panel of independent experts
- ▶ Expert Scientific Advisory groups



Our Mission and Vision

To benefit society and quality of life through intelligent social research

To place the UK at the forefront of innovative social and economic research

