Thirteenth Meeting of the
Administrative Data Research Network Board

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Minute, Agenda and Papers

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Monday 5 June 2017

11:00 – 12:45

Board Room, UK Statistics Authority
Drummond Gate, London

UK STATISTICS AUTHORITY

ADMINISTRATIVE DATA RESEARCH NETWORK BOARD

Draft Minute

Monday, 5 June 2017
Boardroom, Drummond Gate, London

Present
Board Members
Professor David Hand (Chair)
Ms Sharon Witherspoon
Mr Jonathan Athow
Mr Peter Benton
Ms Siobhan Carey
Dr Andrew Garrett
Ms Ruth Gibson
Mr Colin Godbold
Mr Glyn Jones
Mr Luke Sibieta
Professor Peter Smith
Mr Nicky Tarry
Ms Penny Young

UK Statistics Authority
Dr Simon Whitworth
Mr Robert Bumpstead
Mr Ross Young (for item 6)
Mr Petros Saravakos

Economic and Social Research Council (ESRC)
Ms Natalie Jones

1.   Minutes and matters arising from previous meeting
1.1   The meeting reviewed progress with actions from the previous meeting held on 3 April 2017.

2.   Chair's Report
2.1   The Chair reported that under the Digital Economy Act (DEA) the UK Statistics Authority are responsible for the accreditation of processors, researchers and research projects in respect of sharing administrative data for research purposes. In this context, the Authority have been giving thought as to how best exploit the opportunities opened up by the Act, and take the ADRN forward to its next stage too. The horizon opened up by the DEA involves accrediting a wide range of organisations, which go well beyond the current scope of the ADRN. Consequently, the UK Statistics Authority and the ESRC have agreed that it is appropriate that the Authority now steps away from its role in the governance of the ADRN to take on this wider leadership role as Parliament has determined.

2.2   The Board were informed that the change of governance of the ADRN will be publicly announced after the General Election. Officials from the UK Statistics Authority are working with the ESRC to agree joint communications on this.

2.3 The Board heard that the ESRC will put in place an Advisory Board hosted by ESRC and chaired by Professor Melinda Mills a member of the ESRC council. This will provide oversight of the ADRN during the remainder of the current investment period (the ADRN is funded until September 2018). It will also advise on the longer term future of the ESRC's investment in administrative data research and consider whether changes are needed within the Network to increase the acquisition of data needed for research. The new Advisory Board will be in place by the summer. There was some discussion about these plans. The following points were made in the discussion:

i. It was suggested that the Transition Board should include all relevant stakeholders including representatives from the Directors Group and government departments and draw on the experience within these stakeholders.
ii. It is important to recognise that the ADRN has achieved significant successes and is making gradual progress with data acquisition. The Transition Board should build upon these achievements and progress.
iii. It was recognised that the ADRN would continue to work closely with the UK Statistics Authority in the future given the Authority's important role in the research strand of the Digital Economy Act.

2.4 The Chair reported that he had communicated with Alan Gillespie (the chair of the ESRC council) and Jane Elliot (the ESRC chief executive) on behalf of the Non-Executive Directors on the ADRN Board and provided the following recommendations to the ESRC on the ADRN;

- An alternative approach to data acquisition should be adopted that involves removing the Administrative Data Service (ADS) from the data acquisition activities of the ADRN and making more use of the knowledge, contacts and expertise within the ADRCs and wider research community (e.g. National Statistical Institutes). This should involve an increased role for the Office for National Statistics in the ADRN data acquisition from UK departments.
- A permanent dedicated executive Network Director should be urgently appointed to provide strong consolidated overall leadership of the Network. To enable the Network Director to successfully fulfil this role, clear management lines should be put in place so that the individual components of the ADRN are accountable to the Network Director.

2.5 The Chair reported that the ESRC had informed him that they agreed with the substance of these recommendations.

2.6 The Chair passed on the thanks of the UK Statistics Authority Board to the ADRN Board for their efforts over the last three years in often challenging circumstances.

3. Highlight Report [ADRN(17)06]
3.1 Professor Peter Smith introduced the highlight report for the period between 14 March and 15 May 2017.

3.2 The Board welcomed that the all ADRN funded projects were now being reported. This would help to show the value of the ADRN to funders and the public. It was suggested that the Network needed to be much more strategic in its reporting of progress on data acquisition in the future.

3.4 It was reported that a successful ADRN conference had been held in Edinburgh. Professor Smith reported that the international speakers present had complimented the

ADRN on the progress that has been made and were modelling their own data dissemination infrastructures on the ADRN.

4.   Progress on Data Acquisition [ADRN(17)07]
4.1   Professor Smith presented an update on the progress made with data acquisition. This included an update on the progress that had been made against the data acquisition milestones, the progress with those departments that are not included in the milestones and the progress in the devolved administrations.

4.2   The following points were made in the discussion:

   i.   The Board noted that there had been no change since the report to the Board in April in the number of January milestones that had been met.
   ii.   It was noted that the Board had been forced to take on some strategic engagement with some Departments over the last year and that this had led to data flowing into the ADRN. The ESRC will need to ensure that the ADRN engages strategically with departments in the future.
   iii. The recent attempts made by Paul Jackson, the ADRN strategic data negotiator who is on secondment from the UK Statistics Authority, to identify more effective ways to work in partnership with departments on important cross-departmental research themes were welcomed by the Board.
   iv.   It was felt that this kind of strategic engagement with departments would be important in the future. The evidence of the past three years had suggested that only limited progress could be made with some departments by continuing to have more operational meetings.

5.   Data Reuse [ADRN(17)08]
5.1   Professor Smith reported that that the ADRN would operationalise data reuse across the network and that discussions with data controllers would be progressed immediately.

5.2   Professor Smith thanked the Board for their leadership on this issue which had provided clear direction for the different components of the Network. The Board welcomed this significant development and restated that they see this as key to enabling the ADRN to be a success in the future.

5.3   The Board heard that data providers would still have the final say on whether or not their data was used for a research project.

5.4   The importance of accessing high quality metadata to enable researchers to use the retained data was also stressed.

6.   Update on the Digital Economy Act (DEA)
6.1   Mr Ross Young provided an update on the DEA. The Board heard that the Act includes an important new statutory framework to support the UK research community, both within government and beyond, that permits public authorities to share de-identified information with accredited researchers for the purposes of public good research. Information will be processed, linked and matched by 'trusted third parties' and made available to researchers in accredited secure access environments.

6.2   The UK Statistics Authority is the statutory body that will oversee the accreditation of researchers, projects, processors and secure access environments. It was reported that the UK Statistics Authority's Accreditation Panel which will approve projects wishing to access data under the DEA will include independent members.

6.3   The research strand of the DEA will be supported by a code of practice which will set out the high-level principles by which the research strand will be operated. This will be supplemented by criteria that the Statistics Authority will use in the accreditation of researchers, research projects, and processors.

7.   A view from the chair
7.1   The Chair presented a summary of the Network's achievements over the last three years. Significant achievements included: building a network infrastructure, setting up project approvals and researcher training and accreditation systems, and accessing data and launching projects in the devolved administrations.

7.2   It was reported that all of the high level recommendations from the Administrative Data Taskforce Report had now been achieved and therefore the infrastructure and legislation was now in place to enable the ADRN to flourish. It was suggested that the NED's recommendations could be successfully implemented, with strong leadership from the ESRC, and that this would enable the ADRN to have a potentially transformative impact on policy for the public good.

8.   Any other business
8.1   The Chair thanked the Board members for their work on the ADRN Board during the last three years.

8.2   On behalf of the ADRN Directors, Professor Peter Smith thanked Board members for their support of the ADRN.

UK STATISTICS AUTHORITY
ADMINISTRATIVE DATA RESEARCH NETWORK BOARD
Agenda
Monday, 5 June 2017
Board Room, One Drummond Gate, London
11:00am – 12:45pm (coffee from 10:30am)

Non-executives session 10am to 11am

Chair: Professor David Hand
Apologies: Denise Lievesley

1 11:00am	Minutes and matters arising from previous meeting	Professor David Hand
2 11:10am	Chair's report	Oral Report Professor David Hand
3 11:20am	Highlight report	ADRN(17)06 Professor Peter Smith
4 11:30am	Progress on Data Acquisition	ADRN(17)07 Professor Peter Smith
5 11:45am	Data Reuse Policy	ADRN(17)08 Professor Peter Smith
6 12:00pm	Update on the Digital Economy Act	Oral Report Mr Ross Young
7 12:20pm	A view from the Chair	Oral Report Professor David Hand
8 12.40pm	Any other business	Oral Report Professor David Hand

UK STATISTICS AUTHORITY

ADMINISTRATIVE DATA RESEARCH NETWORK BOARD

Minute

Monday, 3 April 2017
Boardroom, Drummond Gate, London

Present
Board Members
Professor David Hand (Chair)
Ms Sharon Witherspoon
Mr Jonathan Athow
Ms Orla Bateson for Ms Siobhan Carey
Mr Peter Benton
Dr Andrew Garrett
Mr Colin Godbold
Mr Roger Halliday
Mr Glyn Jones
Professor Denise Lievesley
Dr Lucy Martin
Ms Frances Pottier
Mr Luke Sibieta
Professor Peter Smith
Mr Nicky Tarry
Mr Darren Warren
Ms Penny Young

UK Statistics Authority
Dr Simon Whitworth
Mr Robert Bumpstead

Economic and Social Research Council (ESRC)
Ms Ruth Gibson

Administrative Data Research Centre – England
Professor Ruth Gilbert

1. **Minutes and matters arising from previous meeting**
1.1 The minute from the previous meeting held on 3 April 2017 was agreed by correspondence and is published on the UK Statistics Authority Website.

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2. Chair's report

3. Highlight

4. Progress on

5. Data Reuse

6. Update on the

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Chair's Report
Professor David Hand

UK STATISTICS AUTHORITY

ADMINISTRATIVE DATA RESEARCH NETWORK BOARD

ADRN(17)06

Highlight Report

Purpose

1. This paper presents an Administrative Data Research Network (ADRN) highlight report for the period between the 14 March 2017 and 15 May 2017. **Annex A** provides more details on the activities of the Network over the reporting period.
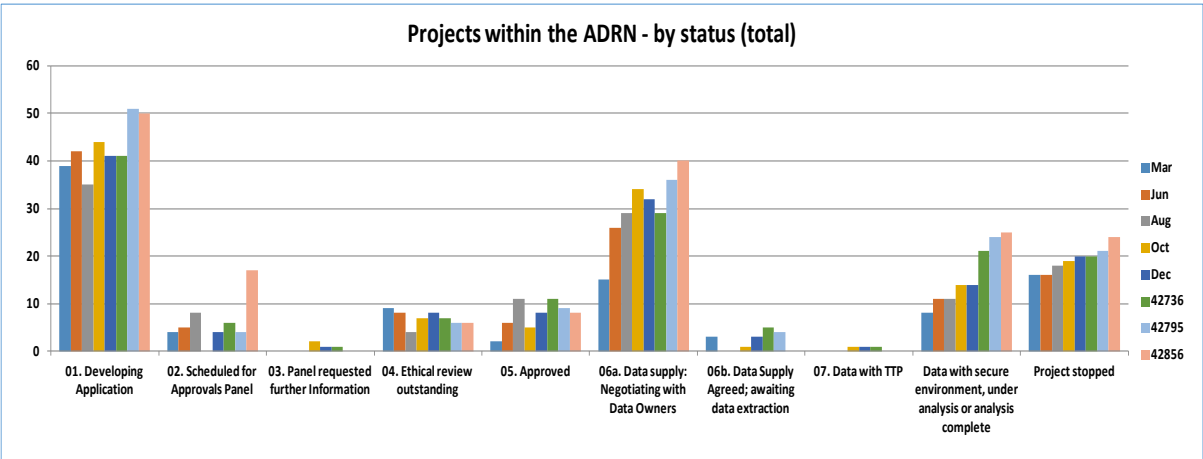
Recommendations

2. Members of the ADRN Board are invited to note and discuss the content of the highlight report.

Discussion

Projects at each stage of the ADRN process

3. The graph below presents how many projects are at each stage of the ADRN process. In total, 25 ADRN projects have accessed data. A comprehensive update on the progress being made accessing data is provided in ADRN(17)07.

Projects within the ADRN - by status (total)

4. The table below presents how many projects from each ADRC are at each stage of the ADRN process.

Projects	ADRC-England	ADRC-Northern Ireland	ADRC-Scotland	ADRC-Wales	Administrative Data Service
Developing Application		13	6	13	19
Scheduled for Approvals Panel			3	1	
Panel requested further information					
Ethical review outstanding					6
Approved		1			4
Data supply: Negotiating with data owners		5	13	6	15
Data supply agreed awaiting data extraction		3	1	1	
Data with the Trusted Third Party	0	0	0	0	
Data with secure environment (ADRC)	0	0	0	2	
Researchers conducting analysis	4	5	3	7	
Analysis complete	0	2	0	1	

5. The developing application category includes all projects at various stages of development. This represents a pipeline of future projects and includes projects that have been registered with the ADRN but have not yet been approved. It also includes projects from researchers who have a planned work programme and who are not expecting to progress their project until a point in the future.

6. The reasons why projects are not getting as far as the Approvals Panel are as follows:

    i.   data providers give prognosis for data which makes projects unfeasible;
    ii.   researchers pursue other priorities; and
    iii. some researchers are managing forward plans by logging projects with clear indications that they fit into a future programme of work.
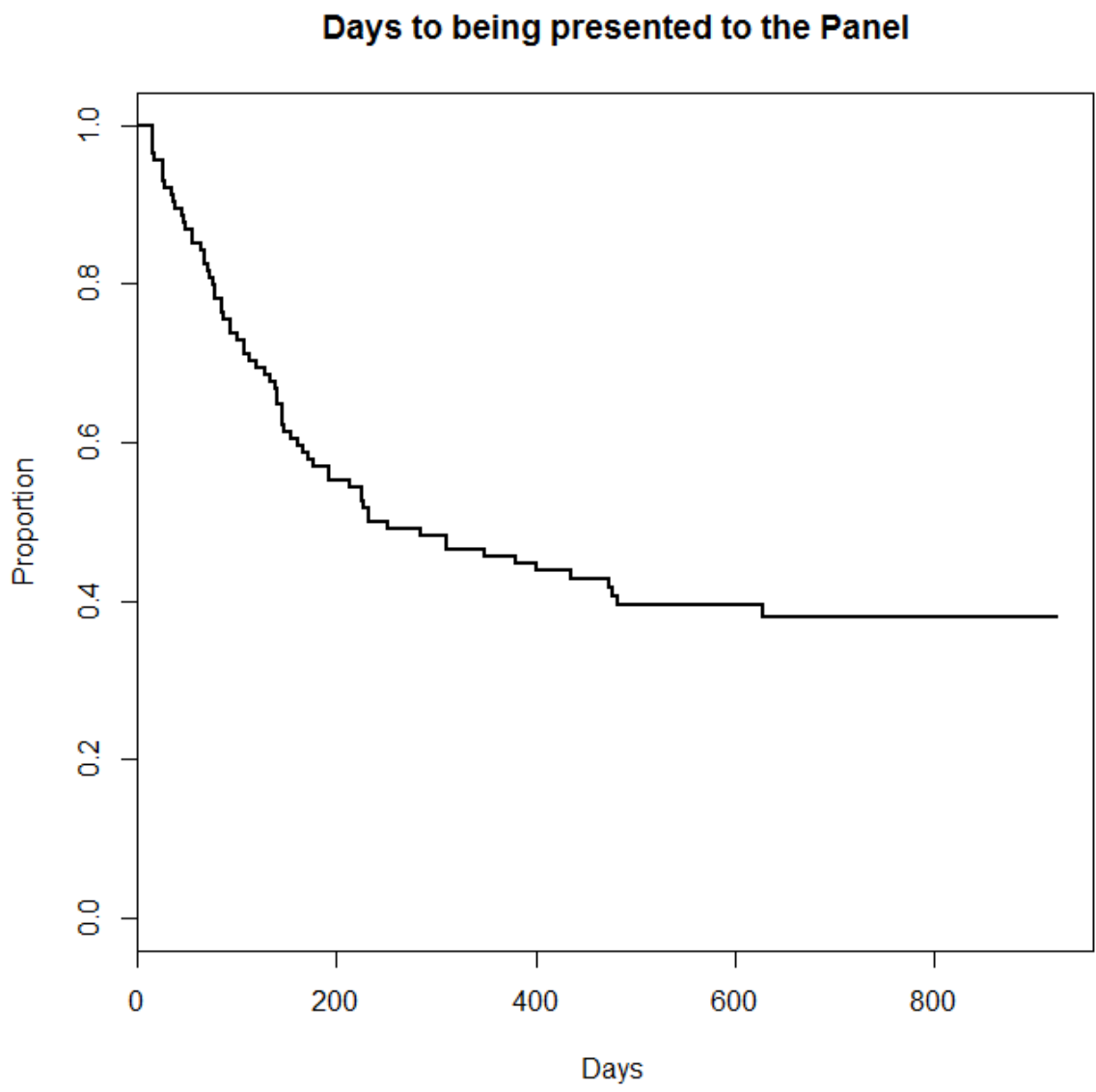
7. A total of 24 projects have been stopped. Projects have been stopped since the last report because of duplicate applications, and researchers' decision not to progress.

8. At the ADRN Board meeting in April, Professor Peter Smith was asked to work with the Directors Group to ensure that all of the projects that receive some ADRN funding are classified as ADRN projects and are reported at future Board meetings. These can be found at **Annex B.**

Time it is taking for projects to progress through the ADRN process
9. The Kaplan-Meier estimate of the distribution of the time taken from a project being assigned a Project Number, the "start date", to being presented to the Approvals Panels is provided in the figure below. Note that stopped projects are not included when producing this figure. This figure indicates that the increase seen, to around 35% of projects being presented to the Approvals Panel within three months of being allocated a Project Number has been maintained, and around 60% are presented within a year. The
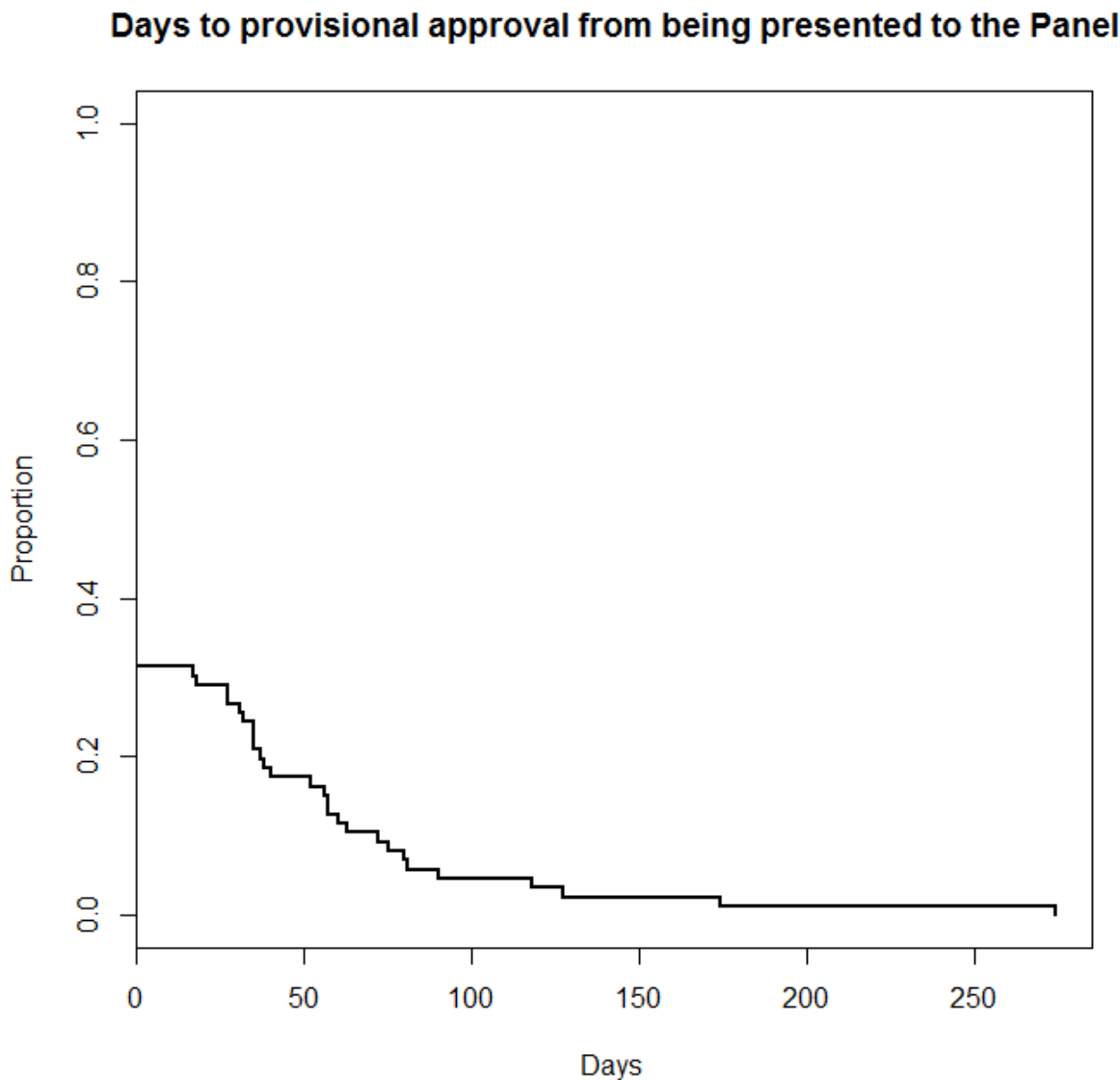
figure also suggests that if a project has not been presented within a year, currently around 45% of projects, it is unlikely to be forthcoming.

Days to being presented to the Panel

10. The Kaplan-Meier estimate of the distribution of the time taken from a project being presented to the Approvals Panels to it being provisionally approved is provided in the figure below. This figure indicates that there has been an increase in the number of projects that are provisionally approved the first time they are considered by the Approvals Panel. Nearly 70% of projects are provisionally approved the first time they are considered by the Approvals Panel and around 90% receive provisional approval within two months; fewer than 10% have to wait longer than three months for provisional
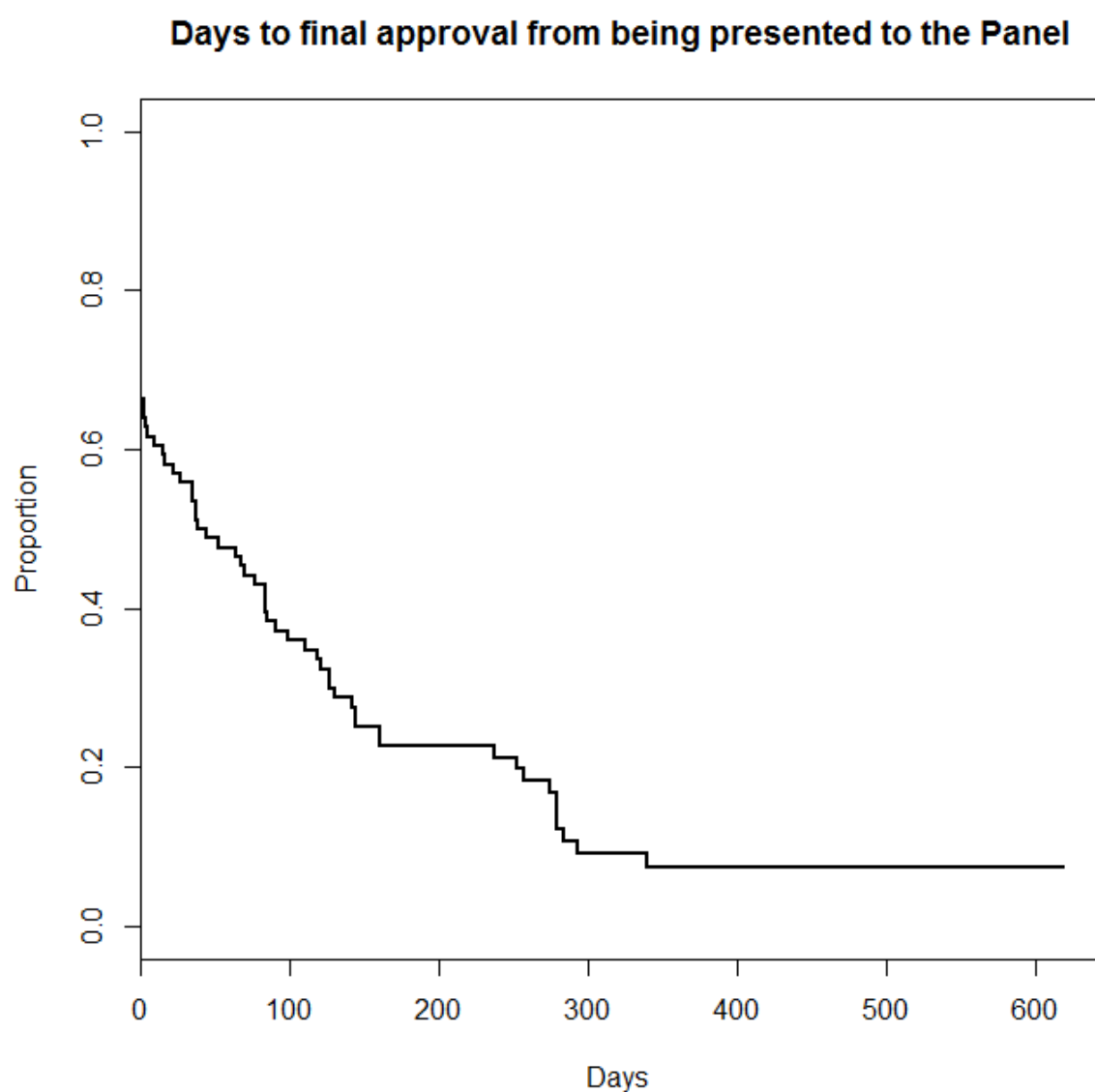
approval.

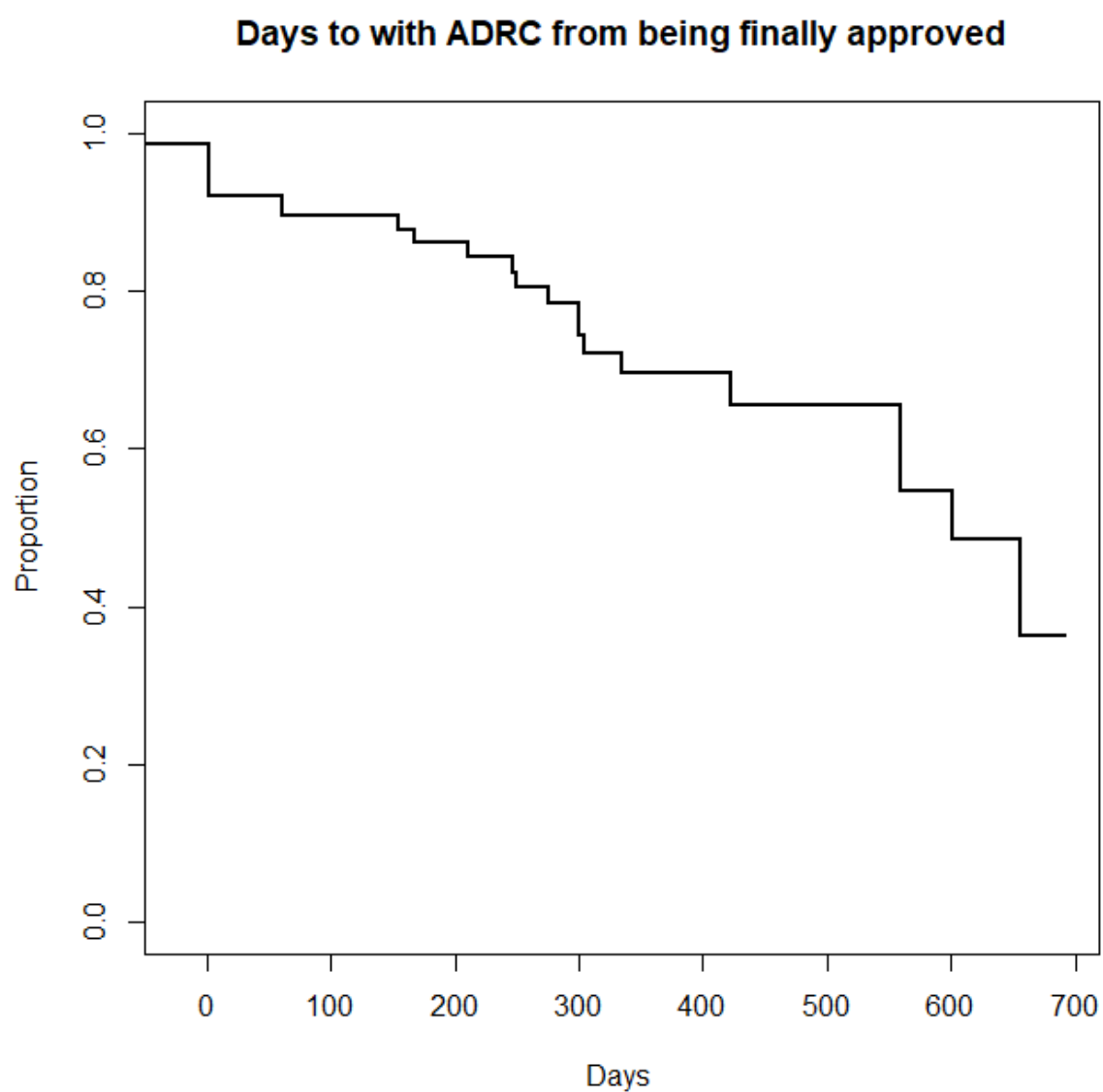## Days to provisional approval from being presented to the Panel

11. The Kaplan-Meier estimate of the distribution of the time taken from a project being presented to the Approvals Panels to it receiving final approval is provided in the figure below. This figure indicates that there has been an increase to over 30% of projects receiving final approval the first time they are considered by the Approvals Panel and an increase to over 50% within two months. Just under 40% have to wait longer than three months for final approval. Please note that it was the earlier projects that took a relatively long time to receive final approval.

Days to final approval from being presented to the Panel

Days to data being provided to the Secure Research Environment in the ADRC
12. At present, most projects with data are using data already available in databanks, therefore 10% of projects have short timescales.

Days to with ADRC from being finally approved

Data Security

13. There are no data security issues to report.

Jo Webb, ADRN data acquisition project team, and Peter Smith, Director ADRC-England, 16 May 2017.

Annex A   **ADRN Activity Report**
Annex B   **ADRN Associated Projects**

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2. Chair's report

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Annex A   ADRN Activity Report

Infrastructure/ Network developments
The two new lay members of the Approvals Panel were featured in a blog on the ADRN website available here http://www.adrn.ac.uk/understand-data/blog/approvals-panel/. They visited the Administrative Data Service (ADS) for an induction day which focused on how their role fitted into the wider Network.

ADS has been working with ONS to scope out future plans for the SURE training for researchers under the Digital Economy Act.

ADRC-Scotland (ADRC-S)
National Records of Scotland are making good progress with its 'research seeding' project which is developing and implementing a permanent 'read through code' for selected Scottish administrative data.

ADRC-S hosted the following meetings at 9 Edinburgh Bioquarter:
- 9 March of the ADRN Directors Group.
- 28 April of the ADRN Operations Group.
- 15 May of the ADRN's Data Re-use Task Team.

Micro Safe Settings Network (MSSN) (SafePods) managed by ADRC-S:
- The MSSN Advisory Board met and provided updates to SafePod specification and long term project requirements; its next meeting is scheduled for early June.
- The supplier tender pre-questionnaire is expected to be published in May 2017.
- Advertisements to universities about SafePods are scheduled for August 2017.

ADRC-S Regional Safe Settings:
- SafeDesk set up has been completed for the University of Dundee, and is in progress for University of Aberdeen and University of Glasgow. Safe Coordinators at Dundee and Glasgow have been SURE trained by ADRC-S.
- Development of auditing and reporting of user access to thin clients is taking place. This is intended to streamline password control procedures.
- 'SafeDesk' name in process of being trademarked by the University of St Andrews.

Events

ADRC-England (ADRC-E)
ADRC-E took part in the **Science and Engineering Festival** (#SOTSEF17) at the University of Southampton on Saturday 18 March 2017, (event open to all, free entrance, 7,000+ attendees on premises).

Three members of the ADRC-E team engaged 320 member of the public with the 'Admin Data Geo Challenge' and the brand new 'Better Candies Benefit Society' game. We gathered few questions about data and received positive feedback from attendees.

ADRC-S
At the Edinburgh Science Festival ADRC-S researchers joined with researchers from the University of Edinburgh's Usher Institute and FARR Scotland for the event "Scientists Have Your Data!" on 3 April.

ADRC-Wales (ADRC-W)
ADRC-Wales has been involved in the following:

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    i.   Hosted ESRC colleagues for first visit to ADRC-Wales, including facility tour and project presentations (18.04.17).

    ii.   ADRC-Wales attendance at the Cymorth Cymru Care Provider Summit (22.03.17) and Cymorth Cymru Annual Conference (23.03.17).

    iii.   Data Science Impact Development workshop (18.05.17) – Swansea University Medical School cross collaboration event.

Communications

The ADRN website **www.adrn.ac.uk** was updated immediately to publicise Digital Economy Act receiving Royal Assent. Communications being developed to take advantage of the new Act.

The fourth external newsletter Network is available. It includes articles on the ADRN project using census data to understand the number of Welsh speakers in Wales. Other research projects and events undertaken by the ADRCs are also publicised.
http://www.adrn.ac.uk/media/174234/network_4.pdf

Ongoing review of the website in Phase II, including highlighting centre initiatives.

ADRC-E

The ADRC-E twitter account has almost reached 820 followers and a Twitter Momentum was created on the ADRC-E twitter account gathering tweets on the ADRC-E stand at the Southampton Science and Engineering Festival.

A blog piece on "Data research at science festivals: harnessing creativity to engage the public" was submitted to ESRC for publication – accepted but currently halted due to purdah. Currently coordinating with LSHTM, UCL and Institute of Clinical Evaluative Sciences (Toronto) a press release, media relation and promotion of a new paper soon to be published by ADRC-E in Bloomsbury (by Dr Katie Harron and Prof Ruth Gilbert). A new piece on The Conversation by Katie will also be published on the same day.

ADRC-S

Major communications efforts by ADRC-S have continued around the annual internal ADRN network meeting 31 May and the annual ADRN Research Conference. These have resulted in a record 102 advance registrations for the network meeting; and 289 registrations for the Research Conference with 55% from outside the ADRN. The maximum capacity of 300 is expected to be filled, so a waitlist was introduced 3 weeks ahead of conference opening to manage expectations of potential registrants. Some £50k of expenditure related to the hosting of the conference is being covered by registration sales charged to attendees.

ADRC-S has arranged for speaker permissions for videorecording of many of the plenaries and parallel session talks, which will be disseminated via the web.

ADRC-S participated in a meeting on 7.4.17 of the Communications Group of the Scottish Informatics & Linkage Collaboration (Scottish Government, Urban Big Data Centre, Farr Scotland, ADRC-S) that planned collaboration in expanding public engagement activities.

ADRC-S staff have contributed to 4 of the ADRN blog posts, the latest on how researchers present their projects to the public in real time in a festival context.

A news item on the ADRC-S Regional Safe Setting has been released by the University of Dundee - dundee.ac.uk/hic/news/2017/the-administrative-data-research-centre.

ADRC-W

In ADRC-Wales, working priorities around centre communications have been in the following areas:

i.   Development of data briefs.
ii.   PE panel and external events attended.
iii. Social media/website development.
iv.   Development of next workshop on PE.

In addition to publications and presentations detailed below, the Fuel Poverty project team published an infographic demonstrating research evidenced health outcomes relating to Welsh Government Warm Homes scheme. This has been retweeted by Lesley Griffiths, Cabinet Secretary for Environment and Rural Affairs (Welsh Government) (link here).

Training offered
SURE training was offered in ADRC-NI, ADRC-E, ADRC-S and ADRC-W.

ADRC_E
ADRC-E also offered:
* Introduction to Hospital Episode Statistics, Southampton, 27 – 28 March 2017 (23 attended, fully booked).
* Introduction to Data Linkage, London, 16 May 2017 (38 attended, fully booked, 7 on the waiting list).

ADRC-E are analysing feedback and data for all 3 years of courses to better understand their marketing niche and a new updated programme brochure for our short courses was created to boost promotion at the upcoming event.

Researcher Engagement
ADRN written case study on Tackling Homelessness in the US using linked administrative data was picked up in the Actionable Intelligence for Social Policy (AISP) March 2017 newsletter. AISP is based in the US and aims to improve the quality of education, health and human service agencies' policies and practices through the use of integrated data systems. March's newsletter can be read here https://www.aisp.upenn.edu/wp-content/uploads/2015/09/March2017Newsletter.pdf.

The ADRN conference 31 May – 2 June and will be filmed by ADRC-NI and ADRC-E.

ADRC-NI
ADRC-NI held an Annual Researchers Away Day at Roepark in March and worked with NICVA (Northern Ireland Council for Voluntary Action) to hold a data workshop on Mental Health data (May 11th, 2017). Video content for this event will be published on the ADRC-NI web page.

ADRC-NI continues to support individual researchers to engage with voluntary, community and social enterprise (VCSE) sector groups in dedicated project meetings.

ADRC-E
ADRC-E\ONS Coordinator gave a presentation to ONS Methodology on 12 April 2017 to raise awareness amongst potential ONS researchers of the services that the ADRC-E offers.

ADRC-S
ADRC-S convened its Public Panel on 31 March at the ADRC-S to discuss "who should have access to data".

ADRC-S researchers met on 5 May with Scottish Government and National Records of Scotland staff to examine how to progress linkage between the Scottish Offenders Index and the Scottish Longitudinal Study.

ADRC-W
ADRC-W have undertaken the following researcher engagement activities:
 i. ADRC-Wales presence at Supporting People project meeting with Welsh Government project sponsors and Local Authority stakeholders/data owners. (09.05.17).
 ii. Collaboration with Swansea University School of Management – Process flow discussions (15.05.17).
 iii. Met with Welsh Government colleagues to progress work on Government Commissioned Research project (31.03.17).
 iv. ONS Memorandum of Understanding developed between ONS Data Science Campus and Swansea University Data Science, covering collaborative research, shared training, apprenticeships in Data Science (02.04.17).
 v. Research group presentations in Cardiff, Swansea.

Presentations
ADRC-NI
 • Northern Ireland Health and Social Care Honest Broker Service Governing Board (02.05.17).
 • DoH/PHA/ PHE Centre for Radiation Chemical and Environmental Hazards (CRCE) NI Bi lateral meeting (12.04.17).
 • European Psychiatric Association, Annual Conference, (01.04.17).
 • ADRC-NI & Northern Ireland Council for Voluntary Action data workshop on Mental Health data. (11.05.17).

ADRC-S
 • Chris Dibben presented, alongside Roger Halliday (Chief Statistician & Head of Performance, Scottish Government), a paper on 'Administrative data – new opportunities for economics research in Scotland and the UK' at the Scottish Economic Society Annual conference.
 • ADRC-S staff presented at the FARR / Informatics for Health 2017 Conference in Manchester in April 2017.
 • 3 abstracts were accepted for the workshop on linking historical records at the University of Guelph, Canada 11-13.05.2017.

ADRC-W
 i. Simon Thompson: Presentation at Welsh Government on collaborative data linking infrastructure project (referred to as Dataflow Development Project) (17.05.17).
 ii. Karen Tingay: Identifying anonymous residence types using administrative datasets (24.04.17 – 26.04.17) at Farr Conference.
 iii. Sian Morrison-Rees: Evaluating the impacts on health outcomes of Welsh Government funded schemes designed to improve the energy efficiency of the homes of low income households (24.04.17 – 26.04.17) at Farr Conference.

Publications
 • Harron K, Gilbert R, Cromwell D, Oddie S, Guttmann A, van der Meulen J. International comparison of emergency hospital use for infants: data linkage cohort study in Ontario and England. BMJ Quality & Safety. In press.
 • Morrison-Rees. S: The Fuel Poverty Data Linking Project Findings Report No.1: Initial Findings on the Impact on Health of the Warm Homes Nest Scheme (link here).

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Forward outlook

Training

- SURE training at ADRC-NI (18.05.17) and ADRC-S (13.06.17).

ADRC-E
ADRC-E will be offering:
  i.   Combining Data from Multiple Administrative and Survey Sources for Statistical Purposes, Southampton, 8 – 9 June 2017.
  ii. SQL Database Management Software, London, 28 June 2017.
  iii. Introduction to QGIS: Understanding and Presenting Spatial Data, London, 19 July 2017.
  iv. Introduction to R as a GIS and Spatial Data, London, 20 July 2017.
  v.   Confident Spatial Analysis, London, 21 July 2017.
  vi. Introduction to Data Linkage, Belfast, Sept 2017 (date TBC).

ADRC-S
ADRC-S will be offering:
- A new 5-day Course "An introduction to using linked administrative data for social and health research" 27.11-1.12.2017 at Edinburgh Training and Conference Venue, 16 St Mary's Street, Edinburgh.
- A Master Class with Paul Lambert on "Generalized Linear Mixed Models" is being planned.

ADRC-W
ADRC-W will be offering:
- SQL and R courses for researchers, confirming dates currently for June/July.
- Statistical methods for combining administrative data sources – This will be delivered by ADRC-E Prof Li-Chun Zhang at ADRC-W facility on 7 – 8 November.

Researcher Engagement
National Sciences Foundation China's (NSFC) visit to the UK on 18 July. The delegates will visit the University of Essex spending half a day at the UK Data Archive, and half a day hosted by the ADS meeting the ADRN Directors and hearing about the Network.

ADRC-NI
The ADRC-NI User Forum met on 6 March 2017. The next meeting will be scheduled for summer 2017.

ADRC-NI will be hosting the 2018 ADRN Annual Research Conference. (20-22 June 2018).

ADRC-E
The ADRC-E stand will be present at:
- Southampton Medical and Health Research Conference, 14 – 15 June, University Hospital Southampton NHS Foundation Trust, Southampton (includes a full A4 page in the conference brochure for promotion of our training courses).
- BSPS Annual Conference, 6 – 8 September, University of Liverpool.

ADRC-S
ADRC-S staff are organising a seminar of the "Population, health and place research group" on 19 May at University of Edinburgh, led by Dr Eilidh Garrett (Cambridge) using administrative data for historical demographic research.

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19 ADRC-S staff will be presenting at the ADRN2017 Research Conference in Edinburgh 1-2 June.

ADRC-S researchers are preparing / have had abstract submissions accepted to:
- Social Policy Association Annual Conference 10-12.7.2017 in Durham.
- ESPAnet's 2017 conference in Lisbon on new horizons of European social policy.

ADRC-W
ADRC-W will be undertaking the following researcher engagement activity:
  i.   ADRC-W will be engaging with Swansea University College of Law and Criminology to look at the possibility of anonymising digital text based data and supporting a project using this.
  ii.   ADRC-Wales colleagues and associated researchers have had a number of presentations and workshop sessions accepted for the ADRN conference (01.06.17 – 02.06.17).
  iii. Development of project set with Wales Mental Health Network.
  iv.   Further development of a project set of Government Commissioned Research with Welsh Government.
  v.   Abstract and presentation accepted for GSS Methodology Symposium titled: Household effects in Big Data research: privacy-preserving methods for grouping individuals into household groups, and its use in evaluating a Welsh Government fuel poverty scheme – presented by Karen Tingay and Sian Morrison-Rees (12.07.17) (link here).

Research partnership development
ADRC-NI
ADRC-NI and NICVA data workshop on Women's Issues (26.09.17).

ADRC-S
ADRC-S is organising a series of "Frontier Meetings" on the broad theme of "administrative data researchers engaging with policy", with the first two topics "Tackling Poverty" (a project that will help inform the Scottish Government's approach to tackling poverty – and, in particular, the delivery plan for the Child Poverty (Scotland) Bill 2017) and "Employment Support" (a project focusing on tracking employment, earnings and health outcomes - an area of high interest with services being delivered by Scottish Government for the first time with a new approach).

A third frontier meeting on emergency verses preventative responses to people in crisis is being planned with Police Scotland and other emergency and health services.

Public Engagement
ADRC-E
ADRC-E stand along with the University of Southampton Roadshow at the following events:
  i.   Cheltenham Science Festival, 9 – 10 June.
  ii.   Winchester Science Festival, 28 – 29 July.
  iii. BBC Countryfile, 4 – 5 August.

ADRC-E are preparing to take part in the New Scientist Festival in London next September, the Bloomsbury Festival next October and the ESRC Festival of Social Sciences.

ADRC-S
Seven members of the ADRC-S Public Panel have registered to attend the ADRN2017 Research Conference in Edinburgh 1-2 June.

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ADRC-S is organising the meeting of the ADRN's Information Assurance Expert Group on 2 June at the ADRN2017 Research Conference in Edinburgh.

ADRC-W
ADRC-W will be hosting a workshop session around Public Engagement and Social Science Research Challenges and Emerging Solutions (22.06.17).

Presentations

ADRC-NI
ADRC-NI will co-develop and present under the topic track of 'data and consent' at the 2017 MyData conference August 30th – September 1st 2017 Helsinki/ Tallinn. "MyData is a human centred approach in personal data management that combines industry need to data with digital human rights. MyData 2017 conference brings together an international crowd of people from businesses, the research community, civil society and government to shape the fundamentals on how personal data is managed globally".

ADRC-NI will also conduct a workshop on the public engagement work with VCSE groups under the track 'Our Data Futures'.

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Annex B   ADRN Associated Projects

As part of their application for funding the Administrative Data Research Centres (ADRCs) are undertaking research projects that do not meet the criteria for an ADRN project and therefore have not gone through the ADRN Approvals Panel. So that the ADRN Board are fully aware of all the research being undertaken by the ADRN, they requested Professor Peter Smith to work with the Directors Group to ensure that all of the projects that receive some ADRN funding are classified as ADRN projects and are reported at future Board meetings. It was also a recommendation of the Midterm Review that the ADRN should report more fully on its work, particularly the ADRCs' policy and linkage studies.

To distinguish these projects from ADRN projects that have been submitted to the Approval Panel, the ADRN Directors Group agreed to call them ADRN Associated Projects. These projects include:

i.   Initial work being undertaken prior to developing an ADRN project to be submitted to the Approval Panel.
ii.   Research using linked administrative data resources where access had been approved prior to the instigation of the ADRN.
iii. The analysis of survey data.
iv.   The development of statistical and computational methods for administrative data.
v.   Legal and public engagement research.
vi.   Data being analysed in a government department facility rather than in an ADRN facility.
vii. Data being analysed in an ADRN facility having completed an alternative approvals process, such as those for the Longitudinal Studies and the Department for Education.

It is important to note that these projects are not only part of the core work programmes of the ADRCs, as set out in their cases for support, but also *foundational* for a future UK administrative data based research infrastructure. Without this work, a productive and successful infrastructure in which the ADRCs can advise, instruct and develop a prosperous infrastructure will not be possible.

The table below lists the ADRN Associated Projects reported to the Directors Group in May 2017.

Table 1: ADRN Associated Projects as of 18 May 2017

ADRC	Project Title
ADRC-E	NPD- linkage accuracy using bespoke cohorts
ADRC-E	Children with Special Educational Needs
ADRC-E	School absence: using extreme weather as a natural experiment to evaluate effects of school absence
ADRC-E	Downs Syndrome linked to NPD, social care, HES for England
ADRC-E	Mother-baby linkage using data on maternal ethnicity and country of birth
ADRC-E	Looked after children and educational achievement
ADRC-E	Family Nurse Partnership data: scoping study for linkages to administrative data
ADRC-E	Dormant trials: the head or heart study
ADRC-E	Alcohol, Occupation and Industry
ADRC-E	Using linked Student Loan Company (SLC) data and HMRC economic data to inform higher education funding policy and estimate graduate earnings

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ADRC	Project Title
ADRC-E	Geospatial methods working group
ADRC-E	Home energy efficiency association with cold and mortality
ADRC-E	Mid- and long-term health impact of flooding
ADRC-E	Air pollution and cognitive development
ADRC-E	Public policy aspects of linking & analysing government administrative data
ADRC-E	Testing the reliability of economic data
ADRC-E	Linkage methods working group
ADRC-E	Evaluation of linkage accuracy within longitudinal hospital episode data
ADRC-E	GUILD: GUidance for Information about Linked Datasets
ADRC-E	Novel methods for transforming raw electronic health records into research data
ADRC-E	Family Justice data: scoping study to evaluate potential for linkage to administrative data
ADRC-E	Probabilistic matching for Ministry of Justice (MoJ) datasets
ADRC-E	Linking geospatial, HES and NPD data within the Millennium Cohort Study
ADRC-E	Through what mechanism does household income affect pupil attainment?
ADRC-E	Can administrative data be enhanced using information from survey data?
ADRC-E	Family Justice data: scoping study to evaluate potential for linkage to administrative data
ADRC-E	Linkage of ELSA and DWP benefits data
ADRC-E	Building more general models of linkage error to improve inference from probability linked data
ADRC-E	Analysing energy consumption and environmental attitudes – a multilevel modelling approach
ADRC-E	Analysis of consent to data linkage
ADRC-E	Schools and Pupils Respond to Educational Achievement Surveys
ADRC-E	Water demand analysis using Affinity Metered Water Sample 2011 (n = 5,000) <-> Census 2011 household microdata
ADRC-E	Energy demand analysis through linkage of DECC residential NEED <-> Census 2011 records
ADRC-E	Sensitivity of linked administrative data studies to alternative geospatial linkage methods
ADRC-E	Health register address mismatch analysis
ADRC-E	Applications of automated zone design in disclosure control
ADRC-E	Linking census output area and workplace classifications
ADRC-E	Fluctuations in health and social care
ADRC-E	Minimal inference from incomplete 2x2 tables
ADRC-E	Pregnancy Spine, linking siblings in birth registration data
ADRC-E	Demographics of individuals on Census and patient register 2011
ADRC-S	Understanding the General Data Protection Regulation and its potential impact on social sciences research in the UK
ADRC-S	Understanding non-legal barriers faced by data controllers in Scotland with particular reference to a culture of caution towards the use of admin data in the public interest
ADRC-S	Understanding the relativity of harm v. benefit of not using admin data in research by examining the topic in the context of health-related research and extrapolation into the context of research using admin data
ADRC-S	Developing a public-interest mandate for admin data governance and use
ADRC-S	A programme of stakeholder workshops on data inter-operability
ADRC-S	Preparation of a Briefing Note on Scotland-specific data-sharing powers and provisions as part of a portfolio of ADRN documents covering this issue across all the UK jurisdictions
ADRC-S	A joint legal and PE WP investigation into policies on and responses to Data retention and Reuse
ADRC-S	Investigating innovative methods for public engagement: analysing experiences of public engagement in the Scottish SHIP programme and recommending how research programmes might transition from being trusted

ADRC	Project Title
	to earning trustworthiness among publics, and then testing in live engagement contexts and capturing learnings in permissions processes e.g. Scotland's Public Benefit & Privacy Panel procedures
ADRC-S	Developing our understanding of public attitudes to data sharing via a literature review of public attitudes and acceptance of public sector data sharing complemented by structured interviews to understand the views of academic experts
ADRC-S	Public benefit: exploring the terminology, theory, and translation into social and ethical assessments
ADRC-S	Investigating responses to commercial access to data
ADRC-S	A programme of public engagement events around ADRC-S research projects - including the formation and management of a Scottish Public panel
ADRC-S	Capturing oral histories of the Aberdeen Children of the 1950s cohort - including a large scale 'reunion' event
ADRC-S	Qualitative study of the Aberdeen Children of the 1950s cohort participants experiences of research and views on data governance and long-term study participation
ADRC-S	Enrichment of the data around the Aberdeen Children of the 1950s cohort to support future data linkage
ADRC-S	A programme of communication and public engagement to support the ACONF cohort data potential
ADRC-S	Development and publication of open source software techniques for "d2" technology implementing Multiple Criteria Decision Aid
ADRC-S	Development of methods for automatic tuning of data linkage
ADRC-S	A programme of reflection and public engagement on progress with development of methods to automate linkage of admin data on the social sciences
ADRC-S	Development of image processing and computer vision techniques to automate feature identification and extraction from digitized historic maps
ADRC-S	Development of Natural Language Processing techniques to produce location-based descriptors to lifecourse studies
ADRC-S	Developing a software package in R to produce synthetic data
ADRC-S	Developing and delivering a training course in the R package 'Synthpop'
ADRC-S	Developing a method for measuring the 'utility' of a synthetic dataset
ADRC-S	Development of synthetic statistical data methodologies
ADRC-S	Development of training course on DWP benefits data: content, coverage, quality and linkage
ADRC-S	Understanding the relationship between diagnoses and social care provision in a national cohort and implications for social and health care integration
ADRC-S	Development of data resources and a user group across the boundaries of socially-/informally-provided care sectors
ADRC-S	Understanding the pattern of subject-specific performance in school attainment in Scotland
ADRC-S	Investigation into transport and big data linkage
ADRC-S	Investigating the scope to examine contentious distributional housing questions
ADRC-S	Investigating the effects of educational experience and family background on later criminal convictions
ADRC-S	Developing the potential for linkage between the Criminal Histories Dataset and the Scottish Longitudinal Study
ADRC-S	Developing the potential for linkage between the Scottish Offenders Index and the Scottish Longitudinal Study
ADRC-S	Understanding social and spatial mobility by analysing linkage between the 1947 Scottish Mental Survey and the Scottish Longitudinal Study
ADRC-S	Investigating low birth weight and its impact on child development, linking maternity, child surveillance and education data
ADRC-S	Modelling survey non-response using linked admin data in Healthy Ageing In Scotland Study and the UK Household Longitudinal Study
ADRC-S	Creations of regional safe settings in Scotland - reducing distance barriers to

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ADRC	Project Title
	ADRN access
ADRC-S	Developing a national network of micro safesetting – the SafePOD project
ADRC-NI	Northern Ireland Longitudinal Study (NILS) project: Mismatches and matches in address information from the Census and BSO: A longitudinal perspective 2001-2011
ADRC-NI	NILS Project: Frequency of Moving Home in Northern Ireland
ADRC-NI	Ethnic density and risk of mental ill health – the case of religious sectarianism in Northern Ireland: A population data linkage study
ADRC-NI	Privacy preserving record linkage in the presence of missing values
ADRC-NI	Education and social mobility
ADRC-NI	Public Attitudes to Data Sharing
ADRC-NI	Multi-Morbidity and Mortality in Northern Ireland: An investigation of the association between self-reported multiple health disorders and subsequently recorded mortality (NILS Project 102)
ADRC-NI	Past and Current Same Sex Couples in Northern Ireland: An Exploratory Analysis
ADRC-W	UK Secure eResearch Platform (UKSeRP)
ADRC-W	MoRPHED
ADRC-W	Advancing cross-centre research networks (ACoRN)
ADRC-W	NRDA National Research Data Appliance
ADRC-W	Public Engagement - Attitudes and informing
ADRC-W	Information Governance and Privacy
ADRC-W	Data linkage innovation - linkage engine
ADRC-W	Geographic indicators
ADRC-W	Secure data environs for research
ADRC-W	Data archival and warehousing methods and approaches
ADRC-W	Research user interface and HCI systems for Big Data analysis
ADRC-W	Unified research environs

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UK STATISTICS AUTHORITY

ADMINISTRATIVE DATA RESEARCH NETWORK BOARD

ADRN(17)07

Progress on Data Acquisition

Purpose

1. This paper provides a summary of progress with data acquisition.

Recommendations

2. Members of the Administrative Data Research Network (ADRN) Board are invited to note and discuss the progress made which is detailed in **Annex A, Annex B and Annex C**.

Background

3. A combined issue mitigation and data acquisition plan has been developed by the ADRN Directors group with input from the ADRN Board, Economic and Social Research Council and Department for Business, Energy and Industrial Strategy (BEIS). One of the key aims of this plan was to tackle the lack of progress with securing data from key UK government department and the plan focuses on making progress with five key data owners. The progress that has been made against the key data acquisition milestones identified in this plan is reported in **Annex A.**

4. Negotiations for access to data have also continued with departments not included in this plan. **Annex B** provides a summary of the progress that has been made with these departments and **Annex C** presents a summary of the progress that has been made in the Devolved Administrations.

Jo Webb, ADRN data acquisition project team, 19 May 2017.

Annex A	**Progress Against the Key Milestones in the Combined Issue Mitigation and Data Acquisition Plan with proposed milestones for July and September 2017**
Annex B	**Progress with departments not included in the Combined Issue Mitigation and Data Acquisition Plan**
Annex C	**Data acquisition in the Administrative Data Research Centres**

Annex A   Progress Against the Key Milestones in the Combined Issue Mitigation and Data Acquisition Plan with proposed milestones for July and September 2017

Priority Department	Number of Approved Projects that are requesting data	Number of projects with data	How long negotiations have been in progress	Milestones in the combined issue and mitigation action plan	Progress against the milestones	Further information
Department for Work and Pensions (DWP)	16	1	16 months	October 2016 Result of submission to minister received.	Met	Meetings continue between ADS and DWP to discuss taking projects forward A letter was sent to DWP on 24 April 2017 asking for their feedback on the July milestones. A reply was received on 09 May and has been taken into account when developing the July and September 2017 milestones.
				January 2017 - Data delivered for 2 projects; and - Data sharing agreement in place for the a third.	Partially met - Data was delivered to the trusted third party for one project on 14 March 2017. - A further four projects, prioritised by DWP, are being progressed. However, these are unlikely to be progressed until after the General Election.	
				July 2017 - Data delivered for two additional projects (110 and 100)	Prior approval from Minister has been obtained to deliver DWP data for two additional projects. However, one of these projects has a dependency on health data and has to be resubmitted to Confidentiality Advisory Group. The other project only uses DWP only. DWP obtains ministerial sign-off for all projects and so further projects will be affected by the purdah period for the General Election.	
				Sep 2017 - Agree programme of data		

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				extraction to meet data specification which can satisfy multiple projects. This will include considerations of analytical approach and linkage methods and clarification of essential data as suggested by DWP in their response to the letter sent in April; and - Two further projects obtain data whether through separate provision or previously extracted data if possible.		
NHS Digital	8	2	20 months	<u>October 2016</u> - Data delivered for one project; - Received approval from the Data Access Advisory Group (DAAG) for one project; and - Three more projects in data negotiation.	Partially met - Data delivered for one project. - One project considered by DAAG but not approved. - Five projects in negotiation.	A series of meetings have been held with NHS Digital to discuss how the ADRN can be treated with a higher priority than individual researchers. Round table meeting arranged in June to discuss linkage and look for agreement to a reusable linkage model.
				<u>January 2017</u> - Data delivered for project granted DAAG approval by Oct 2016; - DAAG approval/data delivered for two more projects; and - Metadata on key NHS Digital datasets available via ADRN website	Not met - DAAG approval has still not been granted for the project submitted in 2016 (see Oct milestone). - Two more projects have been submitted to NHS Digital but the ADRN has received no further information on future dates when DAAG will consider these projects.	

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				Milestone	Status	Action
					- Metadata on key NHS Digital datasets not yet available via ADRN website.	A letter was sent to NHS Digital on 24 April 2017 asking for their feedback on the July milestones. No reply has been received and a response will be chased. Key colleagues have changed at NHS Digital.
				July 2017 - One additional project delivered; and - Agreement from NHS Digital to a reusable model for linking health and social care to other data sets.		
				September 2017 To be developed after results of round table meeting known.		
Office for National Statistics (ONS)	5	2	10 months	**October 2016** - Two Welsh Government projects considered by the National Statistician's Data Ethics Advisory Committee (NSDEC).	Met - Both projects have been considered by NSDEC. One was approved. The other will be reconsidered in the future once NSDEC's comments have been taken into consideration.	A letter was sent to ONS on 24 April 2017 asking for their feedback on the July milestones. Response received detailing pathways for provision of data for named projects. Project being
				January 2017 - Data delivered for the two Welsh Government projects.	Partially met - The linked data for one project has been delivered to the Administrative Data Research Centre-Wales; - One project is waiting for permission from the Minister for the	

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					Department of Health (DoH) to link DoH data to census data.	developed by MoD researchers has been approved by NSDEC and MoD is currently working with ONS to agree data linkage.
	3. Highlight Report			July 2017 - Data delivered for the approved project linking census and MoD data; and - Agree a pathway which enables ADRN to secure data within 2 months of project being approved.		
	4. Progress on Data			September 2017 Agree method to allow reuse of the MoD project dataset.		
Ministry of Justice (MoJ)	1	0	14 months	October 2016 - Identify key decision makers for enabling ADRN to retain MoJ/DWP/HMRC linked dataset; - Identify any other data source MoJ might be willing to allow ADRN to make available for research; and - Identify requirements for project approval for retained data.	Met	MoJ have confirmed that agreement has been obtained for a pilot project to proceed. The researcher is accessing the linked dataset in the MoJ lab. When the pilot is complete, the MoJ plan to offer access to ADRN researchers.
	5. Data Reuse Policy 6. Update on the Digital 7. A view from the Chair			January 2017 - ADRN led data extraction for one MoJ data source; and - Clear pathway to securing access to linked MoJ/DWP/HMRC dataset (including all necessary steps) identified.	Met - MoJ National Offender Management data has been secured for use in an ADRC-Wales project; and - MoJ is aiming to have access to the linked MoJ/DWP/HMRC dataset available to researchers	

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					external to the MoJ by the end of March 2017. Following a successful pilot project ADRN researchers will be able to access this dataset.	
				July 2017 - Facilitating access to MoJ/DWP/HMRC dataset for research use. -		
				September 2017 - Obtaining metadata for MoJ datasets with MoJ's input and assistance.		
Department for Education (DfE)	9	0	17 months	*October 2016* - Identify which datasets are controlled by DfE or Centre for Longitudinal Studies (CLS); and - Secure access to metadata for datasets in Secondary Data Analysis Initiative (SDAI) call.	Partially met - Datasets which are controlled by CLS identified.	A letter was sent to DfE on 24 April 2017 asking for their feedback on the July milestones. No response has been received. A follow up workshop is being planned with DfE to explore benefits for DfE in using admin data.
				January 2017 - All DfE data delivered for three SDAI projects; and - Data sharing agreements in place with CLS.	Not met - The CLS will deposit an enhanced version of an existing dataset with the UK Data service for one SDAI project by mid-2017.	
				July 2017 - Data delivered for four projects in total.		
				September 2017 Clear pathway to access enabling ADRN users to secure access to DfE data within four		

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| | | | | months of approval. | | |
| | | | | Agree a deposit of an enhanced version of a CLS dataset with the UK Data Service. | | |

The following target from the business as usual plan has been revised upwards and brought forward. The original target was 20 projects started or completed analysis by end of December 2017. The proposed new target is 30 projects started or completed analysis by end of September 2017.

The following milestones (all end of July 2017) are suggested to illustrate progress on the data acquisition plan for 2017 which has been developed by Paul Jackson (the strategic data negotiator on secondment from the UK Statistics Authority) and which was shared with the Board at the April Board meeting:

  i.   in partnership with What Works centres produce a review of available information on evidence gaps in Government;
 ii.   produce a list of research themes answering the evidence gaps and triage existing approved projects into a research theme. Develop and publish prioritisation criteria. Develop programme of workshops around the themes for data owners, researchers and other stakeholders;
iii.   issue the ADRN Services Prospectus to those public authorities with administrative data relevant to the priority research evidence gaps;
 iv.   review all ADRN policies and procedures, obtain agreement and publish new versions to reflect new strategic approach to data acquisition and take into account Digital Economy Act;
  v.   revise messaging on website and in all other communications to stakeholders to make consistent with the strategic approach to data acquisition; and
 vi.   develop a schedule for signing of partnership agreement with key departments.

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Annex B - Progress with departments not included in the Combined Issue Mitigation and Data Acquisition Plan

Department	Number of Approved Projects that are requesting data	Number of projects with data	How long negotiations have been in progress	Further information
Department for Business, Energy and Industrial Strategy (BEIS)	3	0	Negotiation have recently started to reflect the change of governance of the datasets.	Ownership of datasets has been established as Department for Education.
Department for Energy and Climate Change (DECC)	1	0	21 months	Discussions ongoing to establish data controller status.
Driver and Vehicle Licensing Agency (DVLA)	2	0	20 months	The ADRN is learning from the Secure Anonymised Information Linkage Databank's (SAIL) ongoing negotiations with DVLA.
Higher Education Statistics Agency (HESA)	3	1	Negotiations complete.	Straightforward pathway to HESA data offered through the ADRN. One project using HESA (DELNI) data has been delivered by the Administrative Data Research Centre-Northern Ireland.
HM Revenue and Customs (HMRC)	4	0	25 months	Digital economy Act will impact on HMRC's ability to share data. Meetings to discuss how ADRN and HMRC will work together are taking place.
Universities and Colleges Admissions Service (UCAS)	5	0	Negotiations complete for UCAS data.	The complete UCAS dataset has been deposited with the UK Data Archive. First researchers plan to be working with the data in the summer. For other projects, negotiations are continuing with other data owners.
Valuation Office Agency (VOA)	1	0	14 months	Digital economy Act will impact on VOA's ability to share data. Meetings to discuss how ADRN and VOA will work together are taking place.
Centre for Longitudinal Studies (CLS)	1	0	18 months	The CLS will deposit an enhanced version of an existing dataset with the UK Data service by mid-2017.
Health and Safety Executive (HSE)	0	0	3 months	ONS are working with HSE to scope whether a dataset available under an end user licence through the UK Data Archive would be of interest. Also, reuse options are actively being explored.

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Annex C - Data acquisition in the Administrative Data Research Centres (ADRCs)

ADRC-England (ADRC-E)
- Representatives from ONS met with the Health and Safety Executive to discuss releasing of injuries data to ADRN on 10 May.

ADRC-Northern Ireland (ADRC-NI)
- ADRC-NI Data prospectus: The prospectus has been updated and published on the website.
- Northern Ireland Cancer Registry data sets are now available for access via ADRC-NI.
- Negotiations around access to data from the Honest Broker Service continue positively with ADRC-NI permission for access expected.
- Police Service of Northern Ireland (PSNI): Negotiations continue positively with confirmation of legal gateways and data transfer arrangements expected.
- Department of Education: The resolution of issues around legal gateways is progressing.

ADRC-Scotland (ADRC-S)
- National Records of Scotland (NRS): Linked 2001 and 2011 Census data (linked to health) now being analysed in Safe Haven.
  - Two pilot projects currently going through new NRS process.
  - Nine more projects in pipeline to request Census data.
- ScotXed:
  - Two data extracts (looked after children and pupil census) now being analysed in the safe haven.
  - Four more projects approved by ScotXed panel and in process of Data Sharing Agreements/Extraction.
- Phoenix Futures: Data provision continues to be delayed by discussion about consent model.
- National Crime Agency: Data in safe haven ready to be linked/analysed.
- Police Scotland: Data access negotiations underway.
- National Student Survey:
  - First data extract now being analysed in the safe haven.
  - Approval received for three projects to use health data.
  - 6 projects to submit applications for approval, including linkage to historical birth cohorts (1936/1950s), linkage of health and crime data and first use of health data to perform spatial analysis.
- Aberdeen Children of the Nineteen Fifties: use of cohort agreed for education project about selective schooling. The ADRN approval has been obtained and the health data application submitted.
- Scottish Mental Survey (1932, 1947): use of cohort agreed for several projects. Signed approval for use from data controller received.
- Scottish Childrens' Reporter Agency: negotiations underway for a linkage project that will be the first to use this data.

ADRC-Wales (ADRC-W)
- The Supporting People Evaluation project requires data from all Welsh Local Authorities around the Supporting People programme. Welsh Government is the funder for this project and they have instructed Welsh Local Authorities to share relevant Supporting People data with ADRC-W. Some of this data has been successfully transferred with other datasets to follow.
- ADRC-W has access to the following data from Welsh Government:
  - Education data

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- - o Social care data
    - o Housing data
    - o Transport data
- ADRC-W has access to ONS Census data for one project.
- ADRC-W has access to NHS Wales data.
- An agreement in principle is in place to access MoJ National Offender Management Service data.
- ADRC-W are negotiating for access to Department for Education data

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UK STATISTICS AUTHORITY

ADMINISTRATIVE DATA RESEARCH NETWORK BOARD

ADRN(17)08

Progress on data reuse for research purposes

Purpose

1. This paper is to update the board on the recent change to the ADRN policy on Data Retention and Destruction. This follows the acceptance by the Directors Group of a recommendation from the ADRN Data Reuse Task Team (TT) that the ADRN should operationalise data reuse.

Recommendations

2. Members of the Administrative Data Research Network (ADRN) Board are invited to note and discuss the change of policy**.**

Background

3. The issue of data retention was discussed by the Board in July 2016 and the Directors Group were asked to progress implementing data retention. This proposal was incorporated as a strand of the Data Acquisition Plan and subsequently incorporated into the combined issue mitigation and data acquisition plan.

4. In ADRN Board meeting in April 2017 it was felt that not enough progress had been made on taking forward the practical steps to enable the policy to happen given that the Board has been urging a policy for reuse of data for the last year. It was suggested that future work in this area should focus on urgently taking forward the practical steps required to put this policy in place rather than focusing on the theory of a change of policy. Professor Smith was asked to communicate to all components of the Network the importance of quickly developing the data reuse policy, of taking operational steps needed to ensure it could be put into place, and to bring the policy to the next Board meeting. The Board agreed that the impediments were not to the theory or even the legality of reusing 'anonymised' data sets but in taking the practical steps to ensure that the policy could be put into place and announced. This included discussions with data owners and the Information Commissioner.

Progressing data reuse in the Network

5. The TT came to the recommendation that the ADRN should operationalise data reuse having carried out a wide ranging programme of research. Specifically it:

   i. identified a set of potential models for data reuse across the ADRN;
   ii. carried out an analysis of legal considerations emerging out of a potential move to reuse of data for research purposes;
   iii. explored the public's views on data reuse through public panel meetings and reviews of the literature;
   iv. reviewed what other countries were doing, the legal and political context of the move to data holding and reuse and the resulting problems and benefits; and
   v. explored data reuse in the context of the ADRN principles and other important sets of principles.

6. This work was discussed within the Task Team and an uncontested recommendation to the Directors Group to change the data reuse policy was agreed.

7. The Chair of the TT also presented the findings of the TT to the ADRN Approvals Panel and get their views. This group was supportive of the recommendation.

8. At the Directors Group meeting on the 17th May 2017 it was agreed that ADRN should operationalise data reuse across the network. This should be progressed immediately with discussion with data controllers and aligned with a clear communication of the change to stakeholders in parallel with continued public engagement.

9. The ADRN's Operations Group is now working on:

- updating the relevant policies and information; and
- updating promotional materials - most notably the ADRN animations.

10. The ADRN will now start negotiations with data controllers on the following models. These are where:

    i. Data controllers/ owners are encouraged to retain the versions of extracted datasets on their own systems, or on a contracted third party, preferably with any research 'read through codes' that have been added retained.
    ii. Data controllers/ owners to develop research ready datasets that can be held, preferably with research read through codes, on their own servers or an appropriate third parties.
    iii. To seek permission from data controllers/ owners to allow other researchers access to already extracted datasets held within the ADRN *given* that the new projects have been approved by the relevant panels.
    iv. To group projects together into programmes of research and propose broader content research datasets that will then be extracted *once* and managed by the ADRC in a de-identified form with *extracts* of that data to be made available to researchers as permitted by the relevant approvals panels.

11. The ADRN will now start planning, discussing with data controllers/ owners and carrying out public engagement on the construction of study datasets that will be focused on a set of *potential* research questions and although constructed alongside some existing projects that demonstrate public benefit, will be designed to support a *wide set* of *possible* projects that will occur in the future (ie the case for public interest will be made by the ADRN, rather than individual researchers, at a more general level). This dataset will be held in a de-identified form by ADRC's or an appropriate third party legal entity.

Chris Dibben, Director of the Administrative Data Research Centre-Scotland, 22 May 2017.

Mr Ross Young

Update on the Digital Economy Act

Oral report

1. Minutes

2. Chair's report

3. Highlight

4. Progress on

5. Data Reuse

6. Update on the

7. A view from

8. AOB

A view from the Chair
Professor David Hand

1. Minutes

2. Chair's report

3. Highlight

4. Progress on

5. Data Reuse

6. Update on the

7. A view from

8. AOB

Any other business