



Creating an RDM Service

ADMIRe JISC MRD Project

Dr Tom Parsons, Project Manager, January 2012

Work strands:

1. Project Management & Evaluation
2. Policies & strategies
3. RDM requirements & analysis
4. RDM Service Infrastructure Strand
5. RDM Technical Infrastructure Strand
6. Business Case & Sustainability



Policies & strategies:

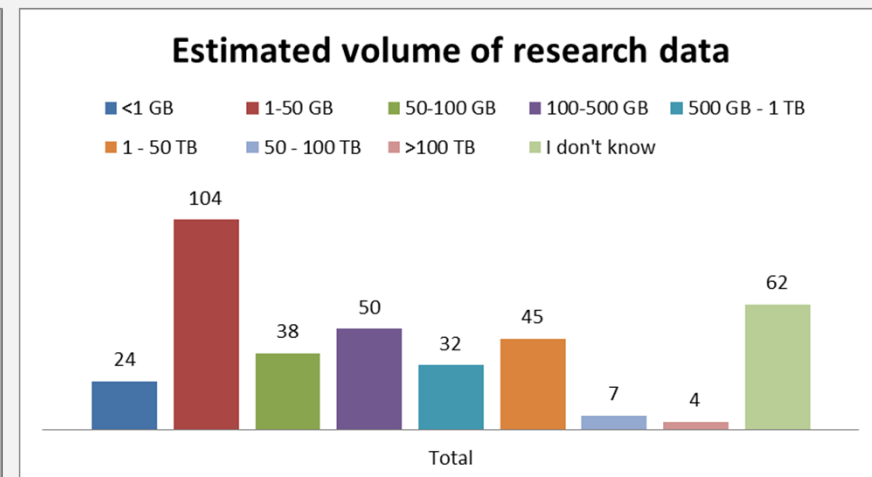
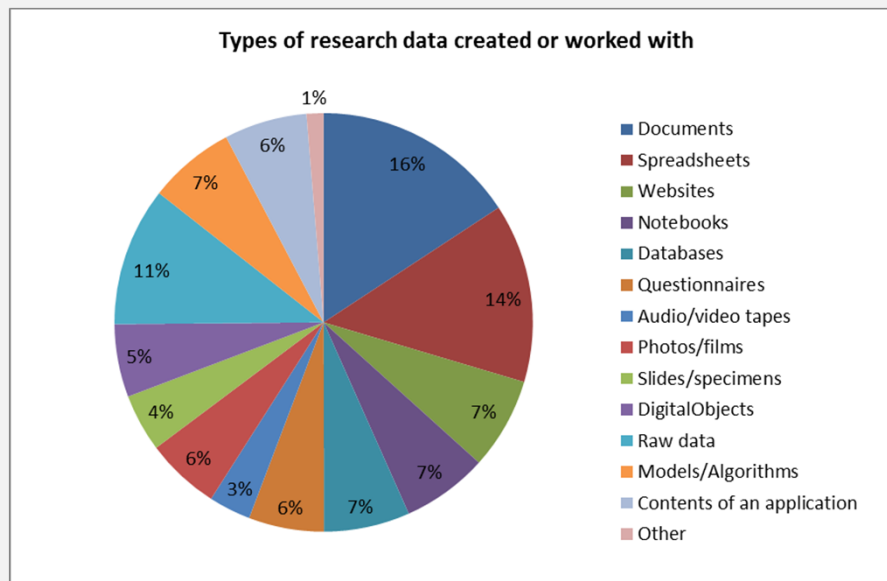
- RDM policy – high-level & generic in approval...
- Other data policies referenced
- Repositories development strategy
- Research Conduct & Ethics policy?

RDM requirements & analysis:

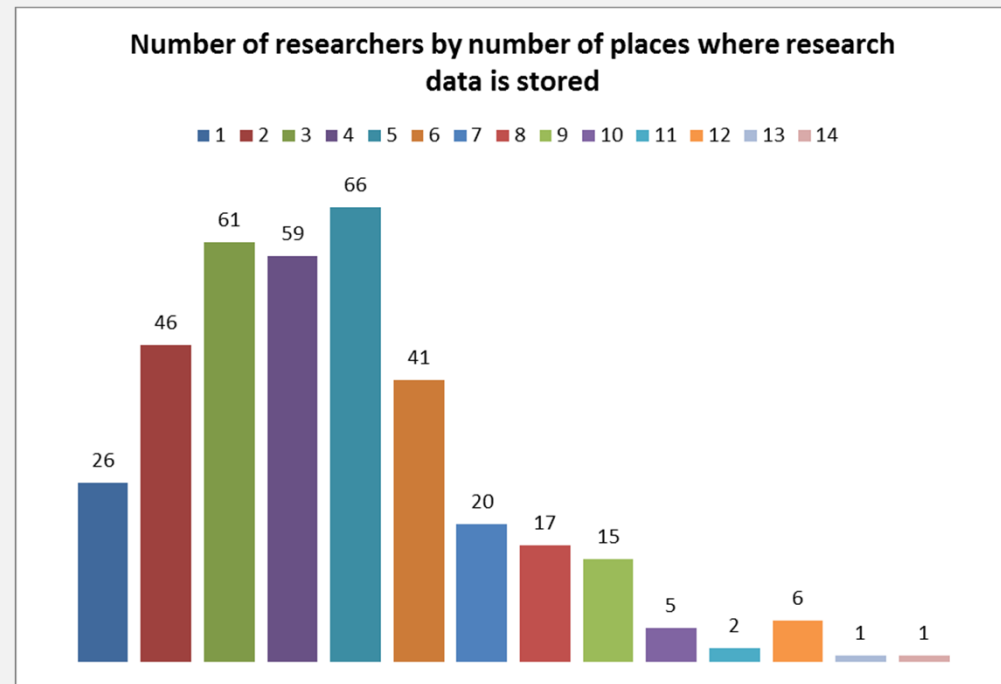
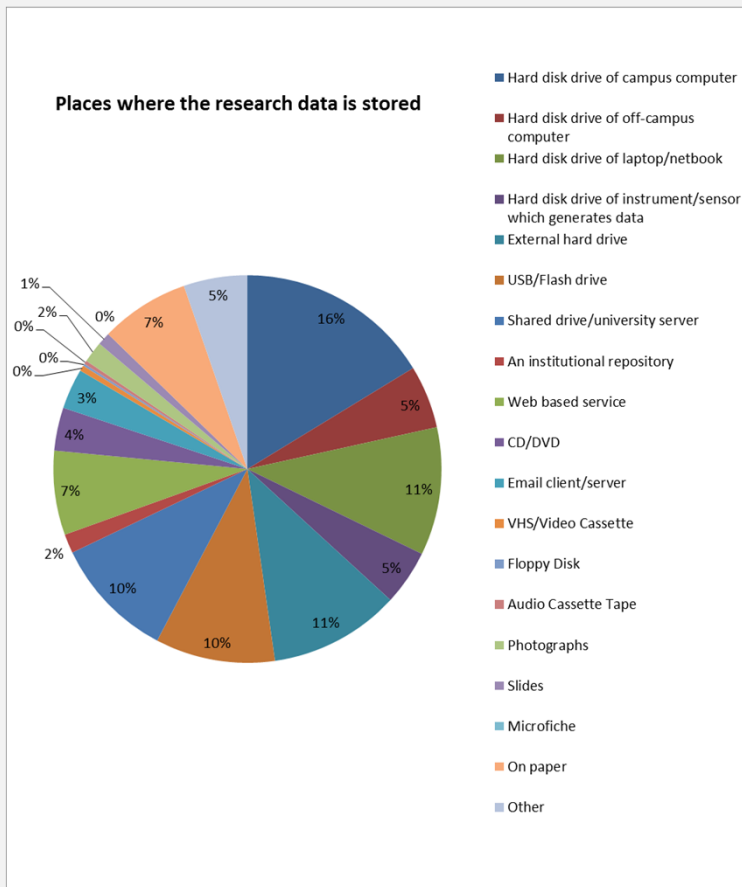
- Researcher and technical requirements and analysis:
 - Faculty use cases (Sero Consulting)
 - Requirements catalogue (145 requirements)
 - Strategy document & roadmap
- RDM survey and analysis
 - 360 responses
 - Analysis complete

Types of data & location

- Wide variety of types & locations
- Majority digital, but physical data important



Data storage

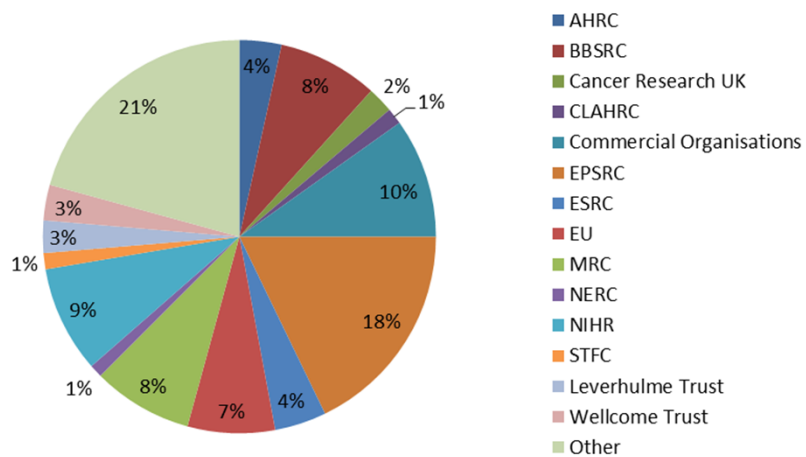


Metadata – 60% 'No', 24% 'Yes' & 16% 'Don't know'

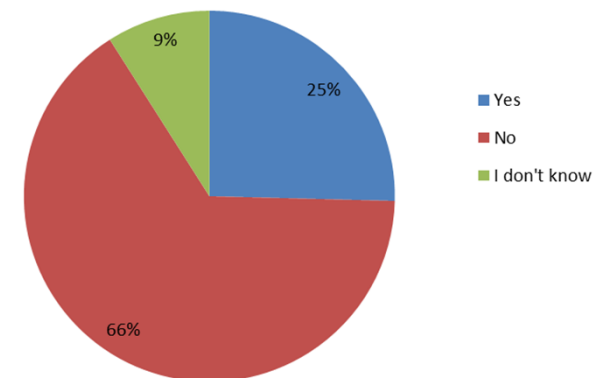
Research funding:

- 71% externally funded, 29% internal

Funders of the research

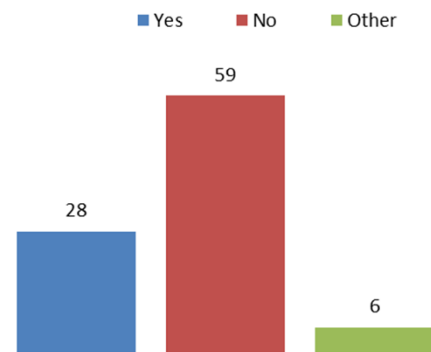


Percentage of researchers who have developed a research data management plan for their project

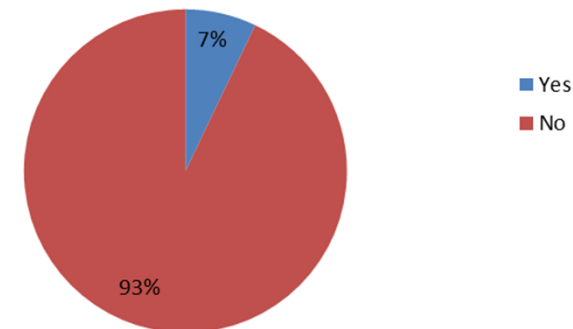


Data Management Plans

Number of researchers who developed a research data management plan because it was a requirement of their funding body



Percentage of researchers who have received research data management training



- More career researchers have written DMPs (likely to be PIs)
- High likelihood that data sharing is required for most

RDM Service Infrastructure Strand:

- RDM awareness workshops:
 - LRLR, IT Support & RGS/Grad School (planned)
 - RGS – Research ethics/governance
 - LRLR tailored workshops
- RDM material:
 - Website, flyer, presentations, email address
 - External events
- RDM training:
 - Online Moodle (MANTRA)
 - CPD course (critical...)

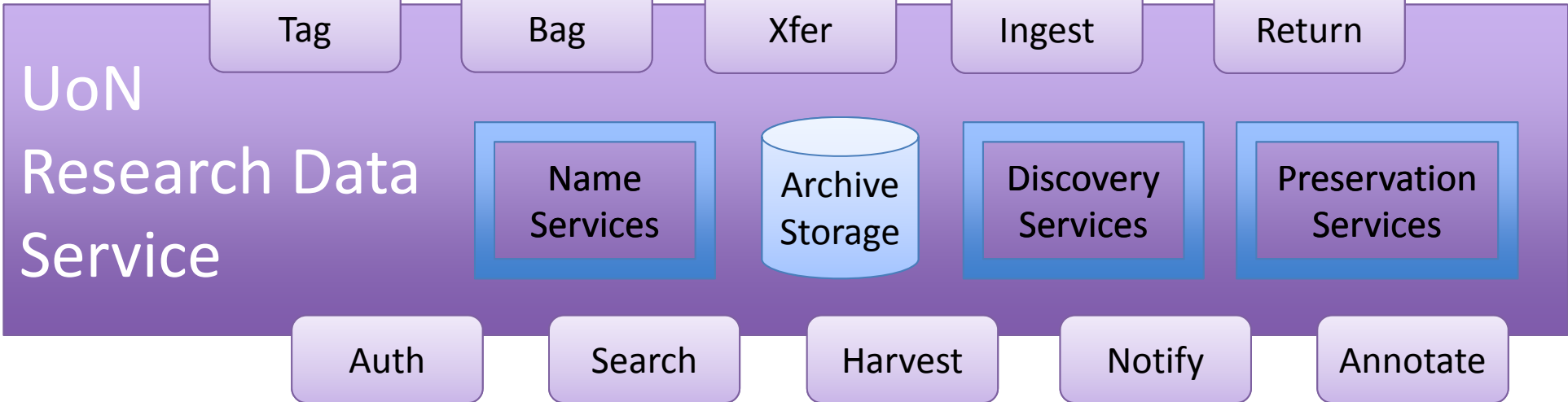
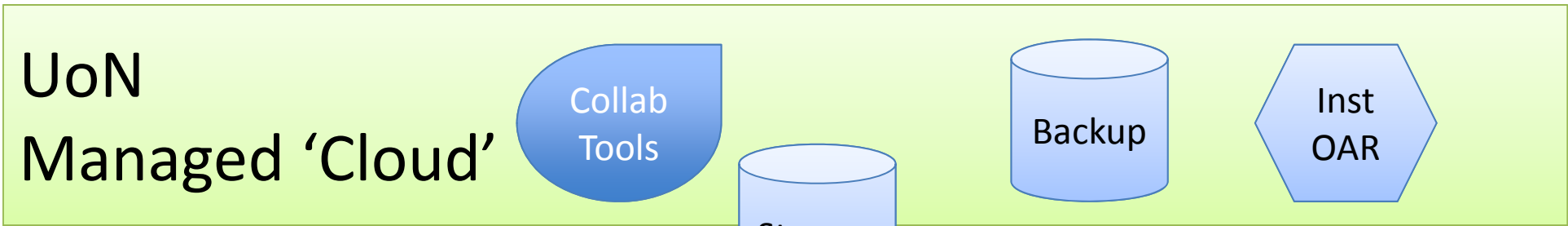
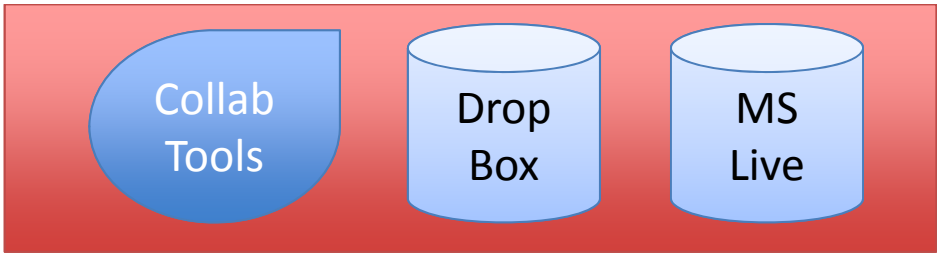
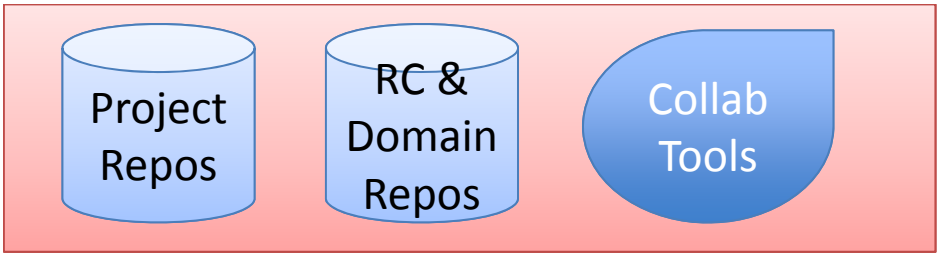
RDM Service Infrastructure Strand:

- RDM roles & skills:
 - Activities & skills breakdown
 - DCC engagement to build capacity
 - RDM landscape assessment (UK HEIs)
 - Role profiles (critical!)
- Pilots:
 - DAF for sensitive data (CHS)
 - Drop-in sessions planned (February-June)
 - MANTRA PG pilot (Feb-March)
 - DMPs – supporting researchers



RDM Technical Infrastructure Strand:

- Archiving & publishing data:
 - Metadata schema
 - Proof of concept
 - 4 x pilots (Wellcome Trust)
- UoN 'Research Data Service':
 - Expected to start January 2013





Business case & sustainability

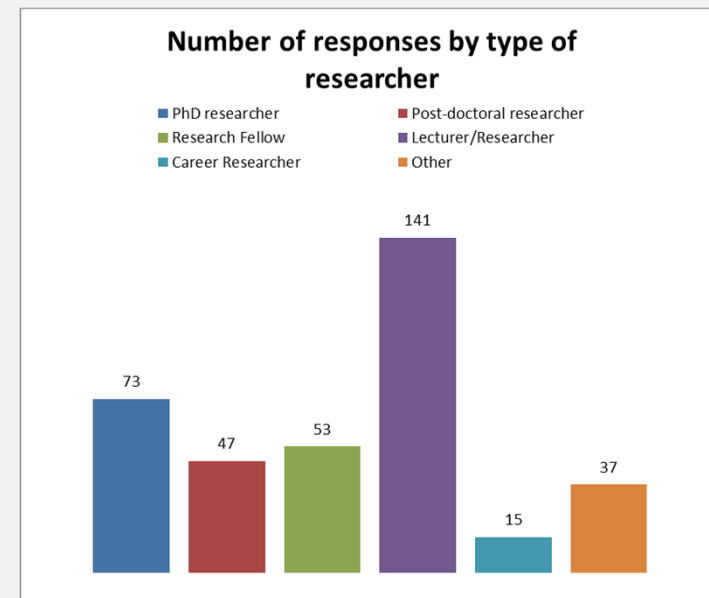
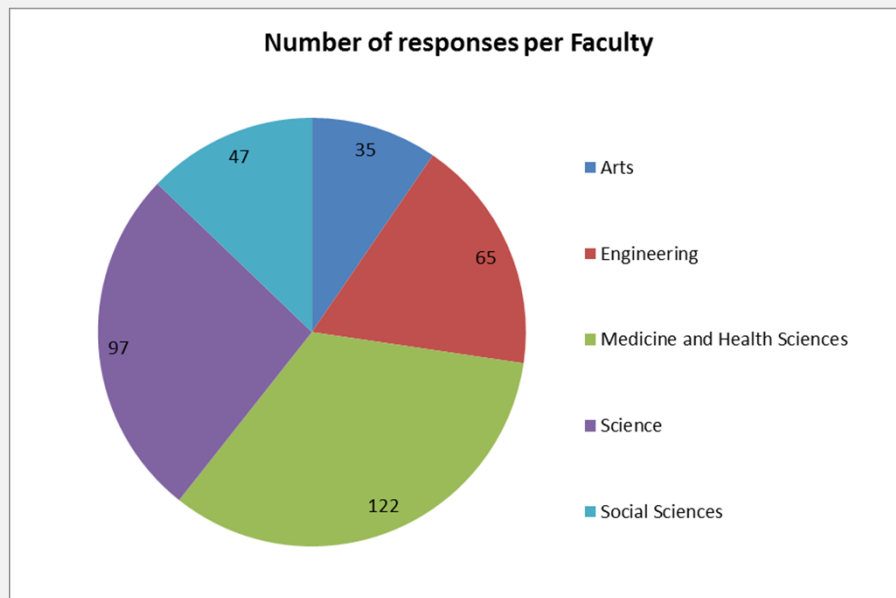
- Business case:
 - Other HEIs (Bristol, Edinburgh)
 - Groundwork underway (skills, capacity, resourcing & staff)
- Sustainability:
 - Project handover (June 2013)
 - Responsibility & ownership?



Questions?

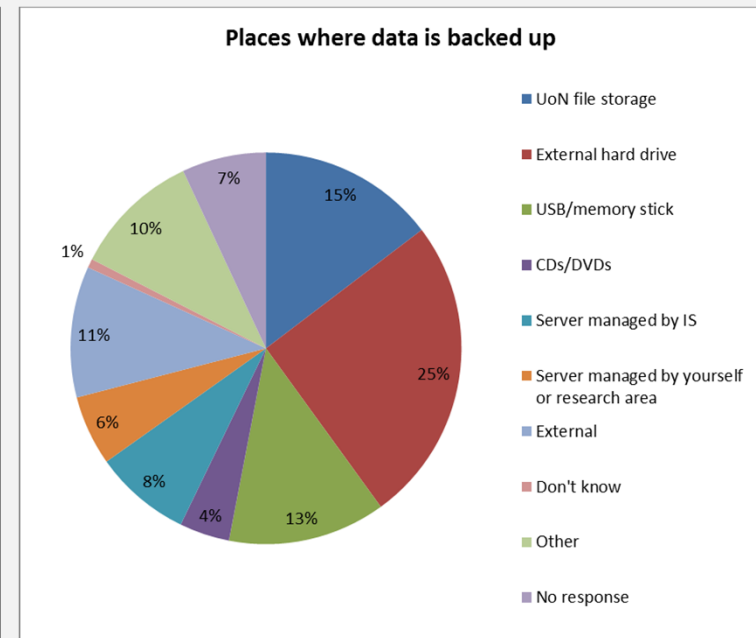
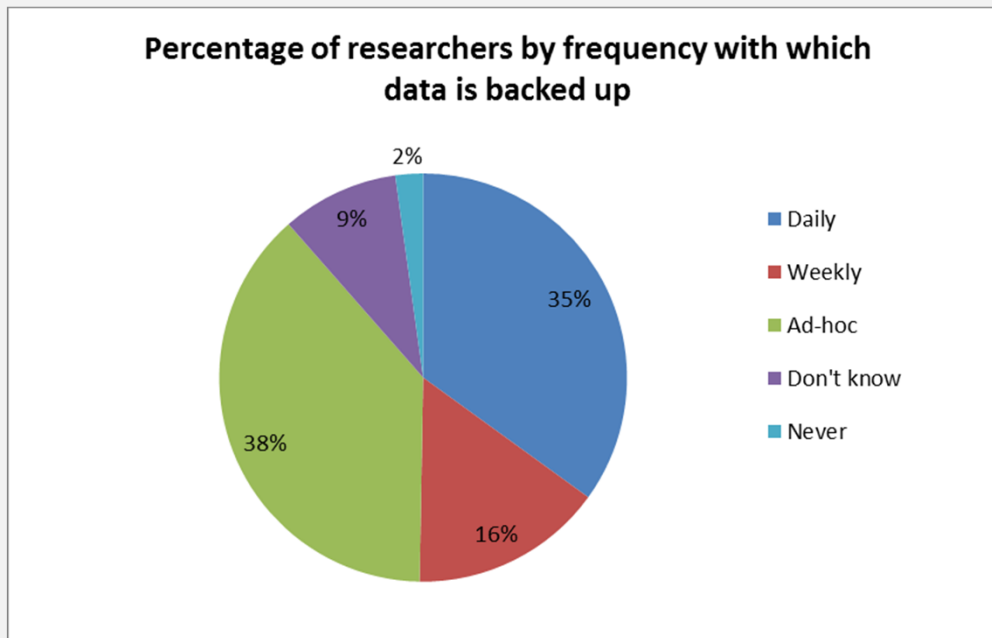
RDM Survey results

- All career researchers, Grad School, IT, Libraries & RGS
- 366 responses

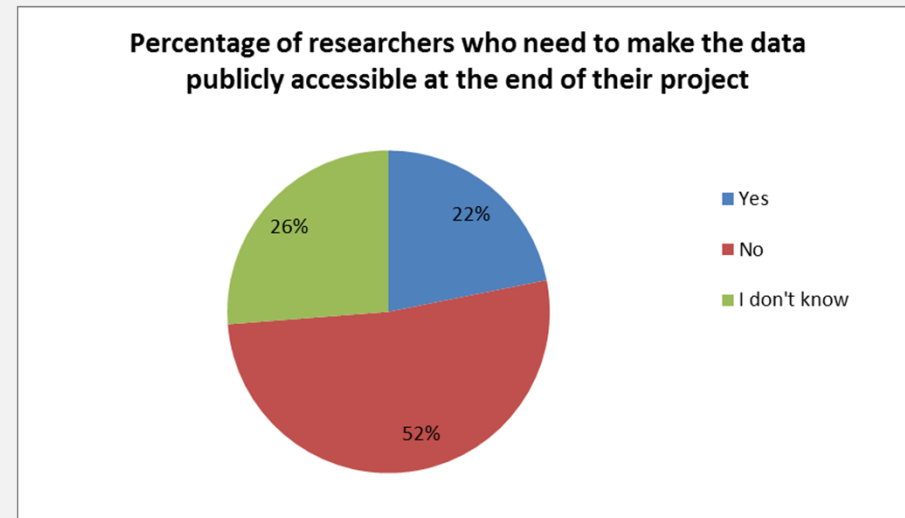
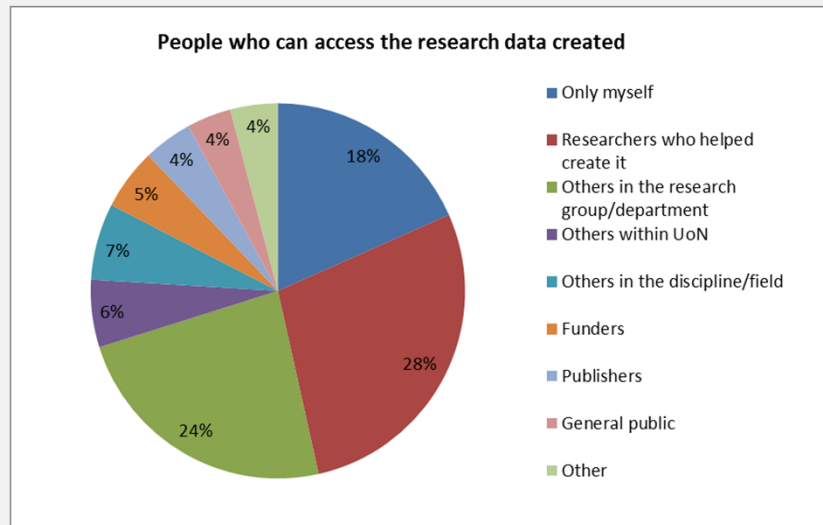


Backup

- Non-standardised

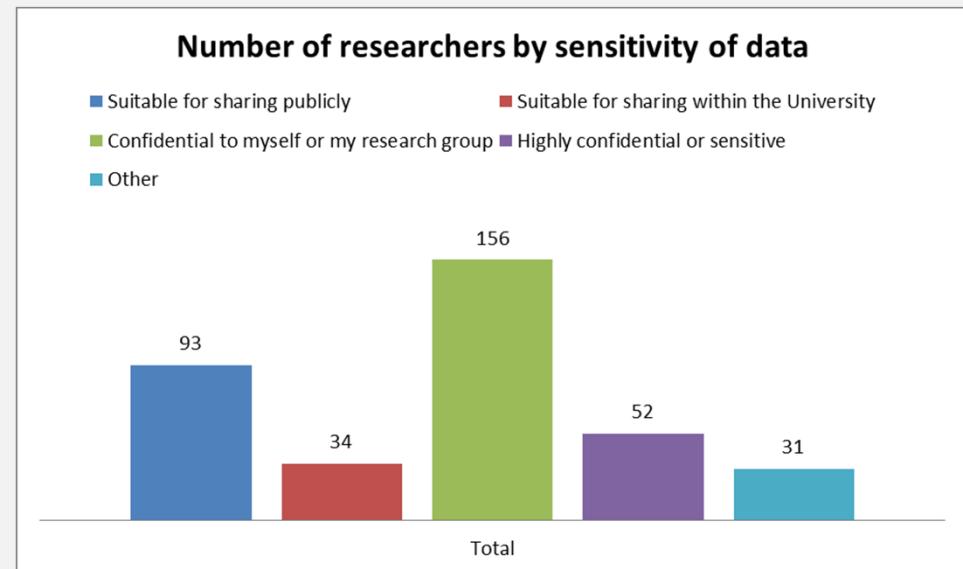
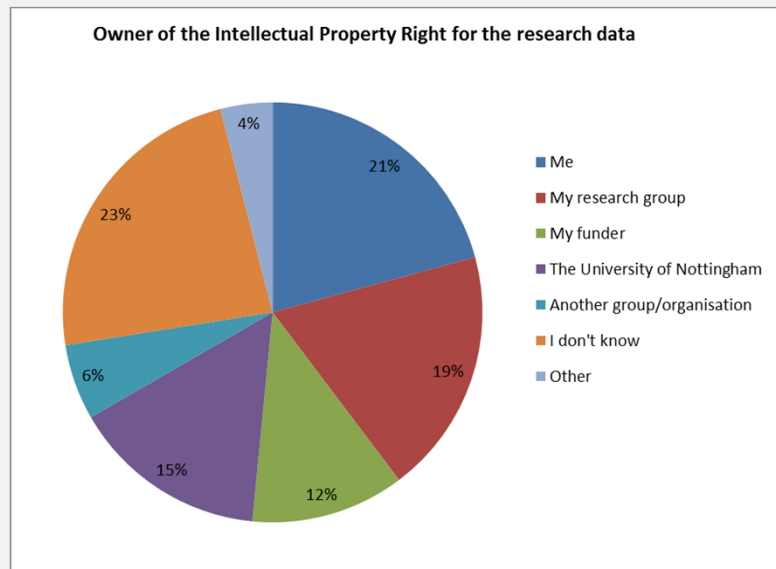


Access to data



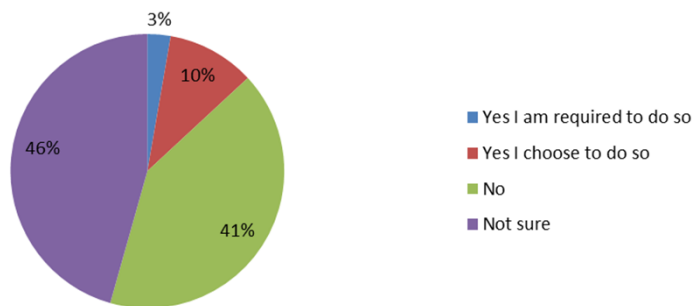
Barriers to sharing data:

- Significant differences & high proportion of sensitive data

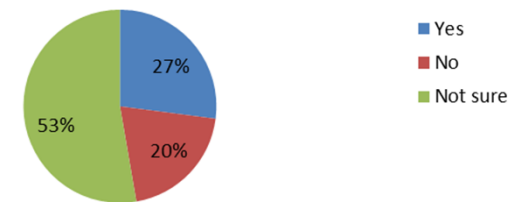


How to share data

Percentage of researchers who would deposit their data in a public subject/disciplinary repository

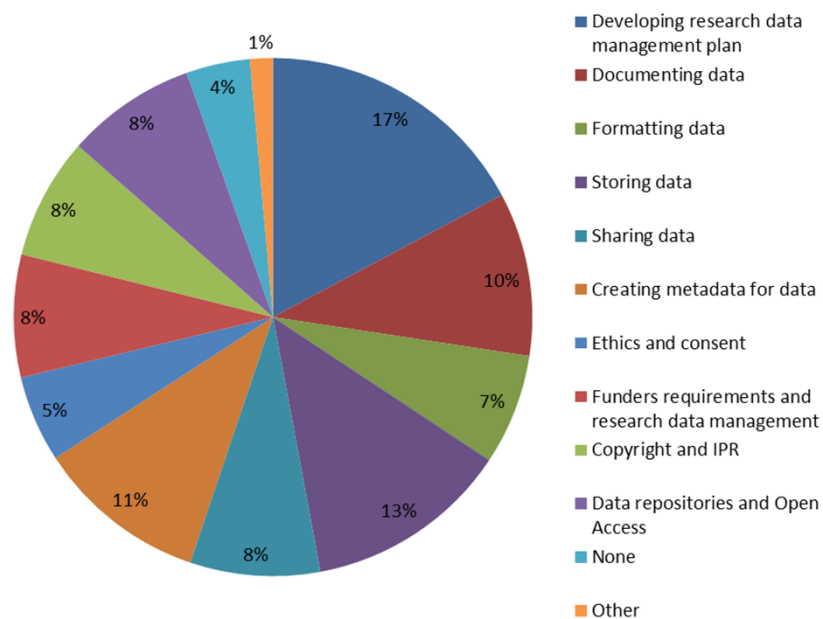


Percentage of researchers who would deposit their data in an institutional repository if available



Training & support requirements

Areas requested for data management training



Areas where help is required

