Making data citation connections

Anne Etheridge, UK Data Service
Melanie Wright, UK Data Service

IASSIST 2015
Minneapolis, Minnesota
Wednesday 3 June 2015
Why cite data?

- acknowledges the author's sources
- makes identifying data easier
- promotes the reproduction of research results
- makes it easier to find data
- allows the impact of data to be tracked
- provides a structure which recognises and can reward data creators
What does a data citation look like?


- Creator(s)
- Publication year (Year of latest edition)
- Title
- Resource type
- Edition or version (optional)
- Publisher
- Identifier (SN plus DOI)
Variations in formats

- APA
- Harvard
- Vancouver
- DataCite
- Dataverse
- Chicago
- MLA

- CSL XML
- XML for import into EndNote
What is a DOI?

http://dx.doi.org/10.5255/UKDA-SN-7534-3

• an international standard for persistently identifying digital objects, or information about them, in a globally unique way
• a string of letters and numbers that can be used to make resources directly available to anyone over the internet
• is assigned to the data collection each time there is a major change to data, documentation or metadata
Resolving a DOI

**10.5255/UKDA-SN-6697-5**

**Citation:**

**Change log:**

**10.5255/UKDA-SN-6697-4**

**Citation:**

**Change log:**

**10.5255/UKDA-SN-6697-3**

**Citation:**

**Change log:**
UK Data Service Discover

Coverage:
- 6,000+ data collections
  - 500,000 variables
- 160+ case studies
- 13,000+ ESRC outputs
- 170+ support / how to guides
Types of data

- survey microdata
  - business surveys
    - cross-national surveys
  - cohort and longitudinal studies
  - UK surveys
- census data
  - aggregate
  - boundary
  - flow
  - microdata
- international macrodata
- qualitative and mixed method
Each data collection has a target page with full details of the catalogue record.

Within each catalogue record is the citation.

Citation is prominent and has an easy way to cut and paste it into your outputs.
Review of data citation in Discover

CITATION

The citation for this study is:


Select the text above to add data citation in your outputs.

- reviewed our citations which were based on APA
- stay with APA but update citations to follow APA more closely
Offering choice

Providing citation in multiple formats

- APA
- Harvard
- Vancouver
- DataCite
- Dataverse

Exporting citation as XML

- EndNote
- CSL
Offering choice
QualiBank

• QualiBank is the UK Data Service's search and browse interface for qualitative data objects
• allows searching of the content of text files, such as interviews, essays, open ended questions and reports
• allows searching of metadata attached to these objects, such as a description of an image or of an audio recording
• enables hyperlinking to related objects
• a citation can be made for a whole object or interview extracts
Interview with Mr. Bennett

DETAILS

Collection ID (SN): 2000
Title: Family Life and Work Experience Before 1918, 1870-1973
Principal investigator: Thompson, P, University of Essex. Department of Sociology
Lummis, T, University of Essex. Department of Sociology
Sex: Male
Age group: 75-84
Socio-economic status: Intermediate
Region: South West
Licence: Creative Commons Attribution 4.0 International License

INTerview TRANSCRIPT
R: No, not - not very much.

l: Did he ever do anything like repairs or improvements to the house?

R: No, 'cos - I think that was the - that was to do with the owners. Because - these houses belonged to the Co-operative Society. They belonged to the owners before the factory was sold. 'Cos - he used to live there at a - nominal rent. Being an employee.

l: What did a mercantile clerk do?

R: Well office work you know - dealing with orders and - I suppose a host of other things, yes.

l: Did you ever want to go into the mill yourself?

R: No.

l: You were a postman weren't you most of the time?

R: Well - not - not all my life.

l: What did you do to begin with?

R: Well, when I st - I left work in - November 1909 and I went up the electricity station then. The old station up West Mill. I was there about eight months and then I went in the paper factory to work. That's near Dart Mills now. I was there until - 1916.

l: What were you doing in the paper mills?

R: Well - oh what would you call it, cutter - cutter boys, they had two of us. Three of us, ones on the machine. Reader and cutter.
Retrieve citation

I: Did he ever help with the washing up?
R: No, not - not very much.
I: Did he ever do anything like repairs or improvements to the house?
R: No, 'cos - I think that was the - that was to do with the owners. Because - these houses belonged to the Co-operative Society. They belonged to the owners before the factory was sold. 'Cos - he used to live there at a - nominal rent. Being an employee.
I: What did a mercantile clerk do?
R: Well office work you know - dealing with orders and - I suppose a host of other things, yes.
I: Did you ever want to go into the mill yourself?
Retrieve data from unique GUID

I: Did your father do anything inside the house?
R: Well he - did whatever he could you know.
I: Did he ever help with the washing up?
R: No, not - not very much.
I: Did he ever do anything like repairs or improvements to the house?
R: No, 'cos - I think that was the - that was to do with the owners. Because - these houses belonged to the Co-operative Society. They belonged to the owners before the factory was sold. 'Cos - he used to live there at a - nominal rent. Being an employee.
I: What did a mercantile clerk do?
R: Well office work you know - dealing with orders and - I suppose a host of other things, yes.
I: Did you ever want to go into the mill yourself?
R: No.
I: You were a postman weren't you most of the time?
R: Well - not - not all my life.
I: What did you do to begin with?
R: Well, when I left - I left work in November 1909 and I went up the electricity station then. The old station up West Mill. I was there about eight months and then I went in the paper factory to work. That's near Dart Mills now. I was there until - 1916.
I: What were you doing in the paper mills?
R: Well - oh what would you call it, cutter - cutter boys, they had two of us. Three of us, ones on the machine. Reader and cutter.
I: What kind of paper was it, was it a wood-mill sort of producing paper? What was the paper used for it?
R: Well - you may have heard of Lamson Paragon Supply? Well - we used to make a lot of paper for them. And - Sunlight paper. I suppose that - that - would mean the Sunlight Soap people.
Are our data being cited?
Next stage in data citation connections

- We are working with the Research Data Alliance Data Citation Working Group to consider how we create DOIs for subsets of data, for example, via our numeric online data access systems such as Nesstar.
Questions