Social data and the third sector: skills, tools and evidence

Workshop 3: Telling a story with data

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What we are covering:

- Introduction
- Presentation telling a story with data
- Quiz
- Demonstration finding, exploring and downloading data
- Activity in own time, 10 mins
- Feedback from activity
- Questions and discussion

Introduction

What is the UK Data Service?

 A comprehensive resource funded by the Economic and Social Research Council (ESRC)

• A single point of access to a wide range of secondary social

science data

Support, training and guidance



Workshop objectives

- Promote UKDS data and resources to third sector users.
- Increase understanding of how data can be used within a variety of organisations and settings.
- Support you to access relevant data.
- Enable you to produce evidence by enhancing data knowledge and skills.

Social Surveys and the Third Sector

- Services: Improving outcomes for marginalised groups, reducing inequalities, providing a range of support to those most in need.
- Funding: relies on demonstrating the need and the potential impact of an intervention.
- UKDS: Social survey and census data can help provide context and demonstrate where services are most needed.
- Many third sector organisations are small, often there is no dedicated research team. Often it may fall to the people delivering the services to also provide the evidence of need and impact.

Our main data types

Aggregate Data

- International macrodata country level time series data
- Census tabular data

Microdata

- UK surveys (e.g. Labour Force Survey)
- Census microdata
- International comparative surveys (e.g. European Social Survey)
- Business data

Other data

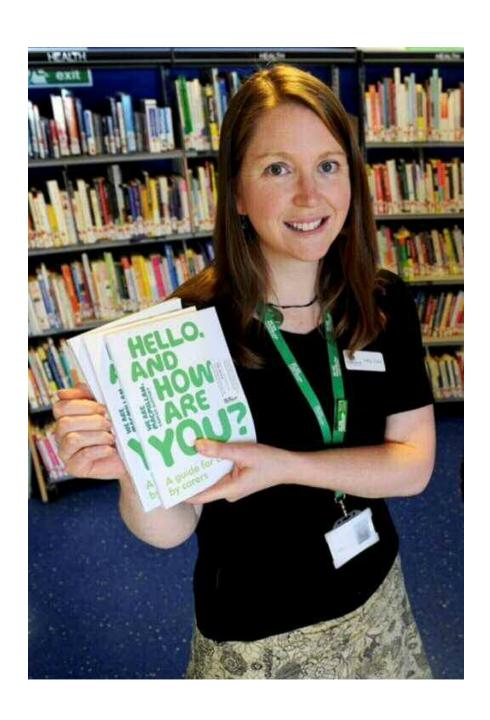
- Mixed methods data
- Qualitative data

Telling a story with data

Why use social survey data?

- Large datasets, findings generalizable to the population
- Quantifiable evidence
- Explain a social problem
- Provides context and justify the need for services

Can be used alongside other evidence from project delivery.



Aim

To investigate the influence of emotional support on the quality of life of older cancer survivors.

Macmillan Cancer Support

'Age old excuse' campaign

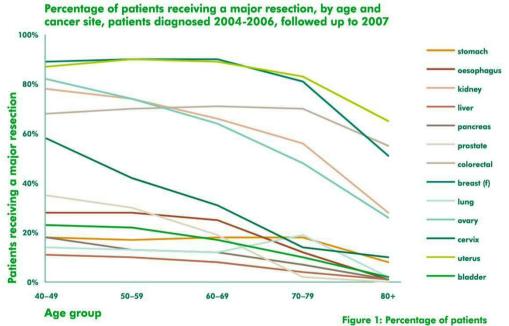


Figure 1: Percentage of patients with a record of a major resection, by age and cancer site, patients diagnosed 2004-2006, followed up to 2007xiii

THE AGE OLD EXCUSE: THE UNDER TREATMENT OF OLDER CANCER PATIENTS



Data

National Cancer Patient Experience Survey, 2011-2012

Resources

Access data

Details Coverage and methodology Title: National Cancer Patient Experience Survey, 2011-2012 01 September 2011 - 30 November 2011 Time period: Study number (SN): 7134 Dates of fieldwork: January 2012 - May 2012 Access: These data are safeguarded Country: England Persistent identifier 10.5255/UKDA-SN-7134-1 Spatial units: No spatial unit (DOI): Observation units: Individuals Series: National Cancer Patient Experience Survey Observation unit National **Principal** Department of Health location: investigator(s): Population: Patients in England who had received inpatient/day patient treatment for cancer during September-November 2011. Sponsors and contributors Number of units: 71,793 cases (completed questionnaires) Method of data Postal survey collection: Three communications were despatched to patients: initial survey, and two Citation and copyright reminders (to non-responders only). The citation for this study is: Time dimensions: Repeated cross-sectional study Sampling procedures: No sampling (total universe) Department of Health. (2012). National Cancer Patient Experience Survey, 2011-2012. [data collection]. UK Data Service. SN: 7134, http://doi.org/10.5255/UKDA-SN-7134-1 Kind of data: Numeric

Details

Documentation

Findings

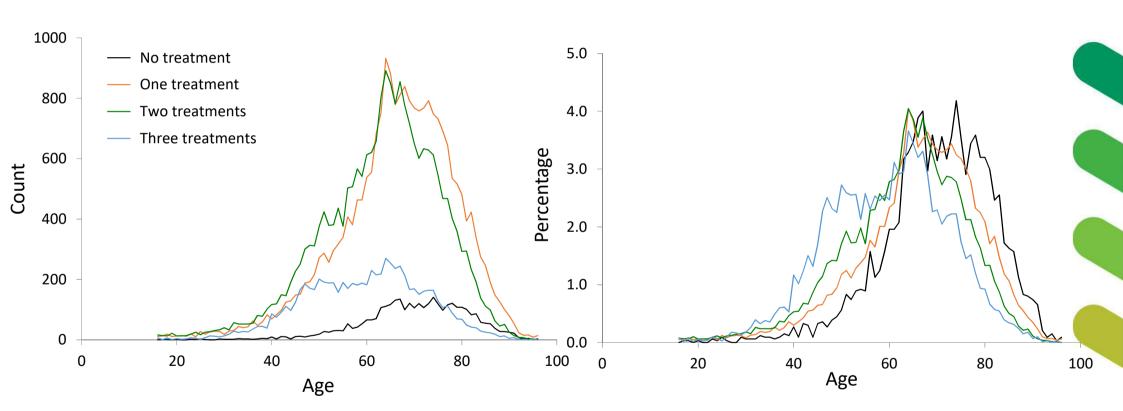


Figure: Age distribution by treatment intensity – by number of people, and by percentage of treatment catergory

Independent Age

Home » Blog » Putting older people in focus during COVID-19

Putting older people in focus during COVID-19



Thu, 30 April 2020

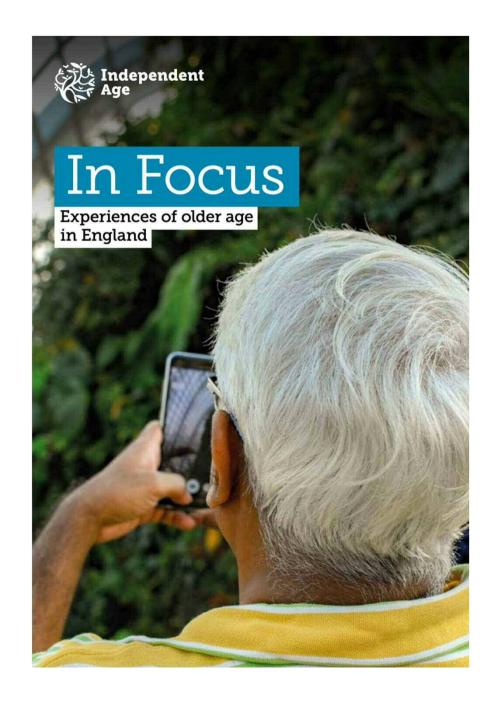
Morgan Vine

Head of Policy and Influencing

@MorganVine_

National Voices

'This project set out to explore the reality of life for older people whose voices can be less often heard in debates about ageing, and what is important for people in this age group.'



Mixed methods

Scoping review – what we know

In-depth qualitative interviews

Analysis of quantitative survey data

Data

Series

beta.ukdataservice.ac.uk/datacatal ogue/series/series?id=2000053

Copy series link

Home / Data catalogue / Series / Series

Understanding Society

Abstract FAQ's Resources Access data

Abstract

The Understanding Society study, or the United Kingdom Household Longitudinal Study (UKHLS), which began in 2009, is conducted by the Institute for Social and Economic Research (ISER), at the University of Essex. As a multi-topic household survey, the purpose of Understanding Society is to understand social and economic change in Britain at the household and individual levels. It is anticipated that over time the study will permit examination of short- and long-term effects of social and economic change, including policy interventions, on the general wellbeing of the UK population. The Understanding Society study is a successor to the British Household Panel Survey (BHPS). The BHPS sample forms part of Understanding Society from Wave 2 onwards.

The groups this work focused on

1. People with physical health conditions

Approximate number in England

One in five older people has a severe physical health problem (a condition that limits everyday activities, such as washing and getting dressed, or restricts mobility).

2m

Key issues

- Limited options for getting out of the home, affecting mental health.
- Additional costs, for example, equipment, needing taxis to appointments.
- For care home residents, a sense of having 'checked out' of society.

Example

Omar, 82, has a range of conditions, including diabetes and osteoarthritis, and was living on the seventh floor of a block of flats.

"

It's easier to stay inside and not be a burden on people.
Omar, 82

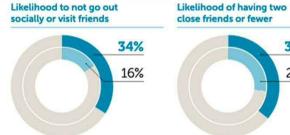
Likelihood of living alone

Older people with severe physical health issues

45%

All older people





Older people with severe physical health issues



36%

27%

2. People with mental health conditions

Approximate number in England

One in 10 older people has moderate or severe anxiety or depression.

1.2m

Key issues

 Struggle to manage administrative load and connect with authorities that may be able to help.

- · Lack of someone to confide in.
- Struggle to communicate financial problems, as well as a lack of access to wellbeing options (financially and geographically).

Example

Frances, 95, started feeling depressed when she had a nasty fall and became housebound.

"

I fall just above the threshold for pension credit but can't really afford to live... I am in no man's land. Betty, 86

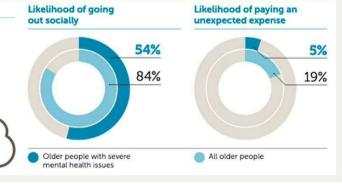
Dissatisfied with life

Older people with severe mental health issues

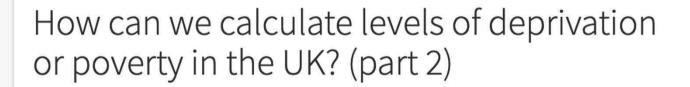
30%

All older people

6%







○ July 2, 2020 Neil Dymond-Green Leave a comment

What is the difference between poverty and deprivation? How can they be measured and understood? How can data help policymakers find ways to reduce their effect on the lives of people in the UK, especially given the effects of the Covid-19 pandemic? In this post, we turn our attention to measuring poverty.

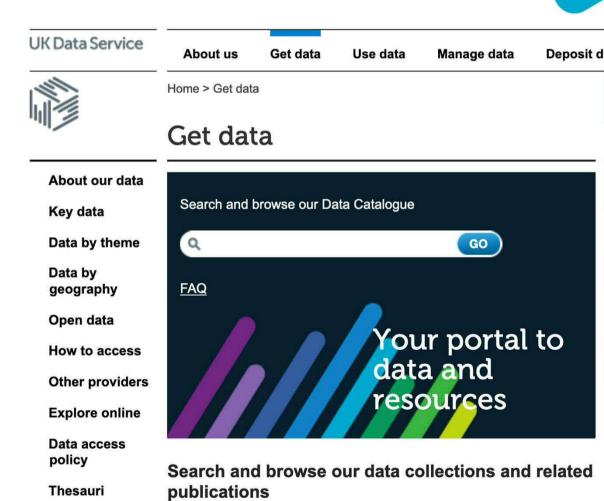


http://blog.ukdataservice.ac.uk/

Finding data

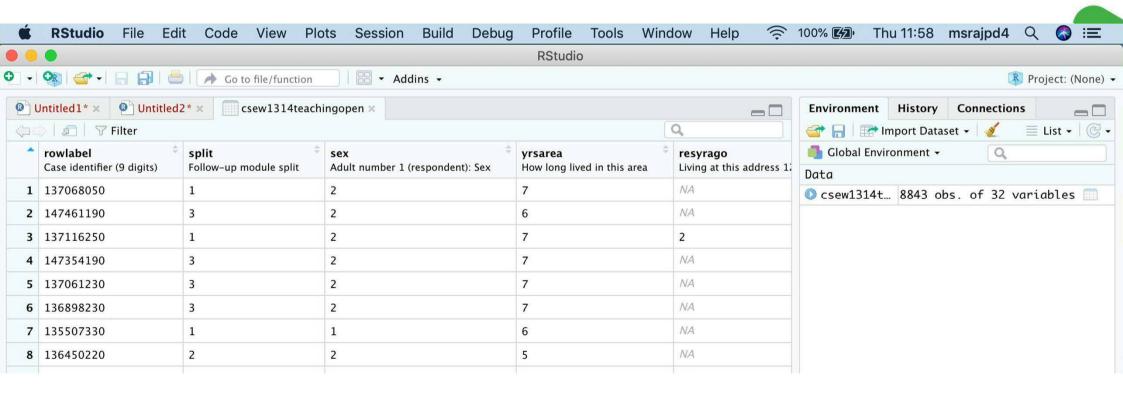
Ways to find data

- Search the catalogue
 - Will search the title of the datasets, keywords and abstract.
 - Broad connections to topics.
- Key data and theme pages
 - Browse our most popular datasets, by data type.
 - Browse specifically for data on particular themes.
- Variable and Question Bank
 - Search for specific questions.



Open up and look at the data

- Exploring via Nesstar
- Registering and downloading data



Making sense of your data

To understand data and it's suitability for your research you must understand...

- what information was collected
- from whom
- when and where
- any changes to the raw data before being archived

Use documentation

- user guides
- questionnaires
- interview schedules

Research plan The question or problem Locate data Evaluate data Analyse

Quiz

Finding data demonstration

Activity



UKDS Online Workshops: Social data and the third sector: skills, tools and evidence

Workshop 3. Telling a story with data

Activity

Tasks:

- 1) Search for a survey variable to help explain a problem
- 2) Explore the descriptive statistics of the variable online
- 3) Find the catalogue page for a survey

Activity: Telling a story with data

Scenario: You are working for an environmental charity and are seeking funding to carry out awareness raising work to help change behaviours that increase CO_2 omissions. You are looking for some statistics to help support your funding bid.

What do people think about climate change? What attitudes potentially need to change?

This activity will start with the Variable and Question Bank, and then explore the survey data more with Nesstar and the UK Data Service catalogue

The **Variable and Question Bank** is a search engine that lets you browse variables and questions from survey datasets held by the UK Data Service. https://discover.ukdataservice.ac.uk//variables

Nesstar is an online tool provided by the UK Data Service for exploring and accessing a wide variety of datasets. http://nesstar.ukdataservice.ac.uk/webview/





Work through the handout

- Follow the handout instructions
- You can post questions in the chat box in GoTo Webinar
- Work through the exercise in your own time
- Answer the questions at the end
- We will come back together at 3pm to discuss the activity and any other questions

Activity questions

First, did you complete the activity?

- 1. How many respondents in the BSA Survey 2016 replied to variable CCBELIEV with the answer: I don't believe that climate change is taking place?
- 2. What percentage of respondents in the British Social Attitudes Survey 2016 replied to variable CCBELIEV with the answer: I don't believe that climate change is taking place?
- 3. What do people think about climate change? What attitudes potentially need to change?
- 4. What is the main data collection method for the British Social Attitudes Survey, 2016?



CCBELIEV: Which of these comes closest to your view about climate change

Question Text: Which of the following statements comes closest to your view? I don't believe that climate change is taking place, I believe that climate change is taking place but not as a resul...

British Social Attitudes Survey, 2016

Close responses...

1	I don't believe that climate change is taking place	150
2	I believe that climate change is taking place but not as a r	314
3	I believe that climate change is taking place and is, at lea	2452
8	Don't Know	24
9	Refusal	2
-2	Schedule not applicable	0
-1	Item not applicable	0

Add to My Variables

View all instances of this variable

Variable CCBELIEV: Which of these comes closest to your view about climate change

LITERAL QUESTION

Which of the following statements comes closest to your view? I don't believe that climate change is taking place, I believe that climate change is taking place but not as a result of human actions, I believe that climate change is taking place and is, at least partly, a result of human actions.

Values	Categories	Ν	
1	I don't believe that climate change is taking place	150	5.1%
2	I believe that climate change is taking place but not as a r	314	10.7%
3	I believe that climate change is taking place and is, at lea	2452	83.3%
8	Don't Know	24	0.8%
9	Refusal	2	0.1%
-2	Schedule not applicable	0	
-1	Item not applicable	0	

Variable CCAPLANE: I am willing to reduce the amount I travel by plane to help reduce the impact of climate change

LITERAL QUESTION

(To what extent do you agree/disagree with the following statement...) I am willing to reduce the amount I travel by plane?

Values	Categories	N	
1	Agree strongly	126	4.3%
2	Agree	450	15.3%
3	Neither agree nor disagree	482	16.4%
4	Disagree	835	28.4%
5	Disagree strongly	204	6.9%
6	(SPONTANEOUS: I do this already)	178	6.1%
7	(SPONTANEOUS: I never fly)	664	22.6%
8	Don't Know	2	0.1%
9	Refusal	1	0.0%
-2	Schedule not applicable	0	
-1	Item not applicable	0	

Coverage and methodology

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•		
	₩	

Dates of fieldwork:	July 2016 - November 2016
Country:	Great Britain
Spatial units:	Regions Countries
Observation units:	Individuals
Observation unit location:	National
Population:	Adults (18 and over) living in private households in Great Britain (excluding the 'crofting counties' north of the Caledonian Canal).
Number of units:	2,942 cases
Method of data collection:	Face-to-face interview Self-administered questionnaire The interview is conducted by Computer-Assisted Personal Interviewing (CAPI).
Time dimensions:	Repeated cross-sectional study The BSA survey is conducted annually.

Discussion

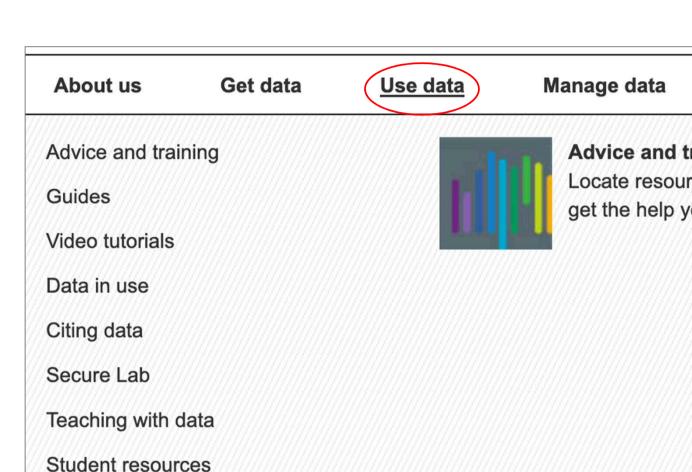
What next?

UKDS and the Third Sector

- We want to support data use
- Networks to link in to?
 - Consulted with Greater Manchester Third Sector Research Network https://www.gmcvo.org.uk/Greater-Manchester-Third-Sector-Research-Network
 - Advertised via Voluntary Sector Studies Network (VSSN)
 - Planning on attending 'Times like these' Conference
- FAQ from workshops to be produced
- Workshops and handouts will remain available
- Can create further resources

Online resources

- Guides
- Videos
- Webinars
- Data Skills Modules



Data Skills Modules

Secondary analysis

Methods and Software Guides

For example:

- Software guides
 - What is Stata?
 - What is SPSS 20 for Windows?
 - Using R to analyse key UK surveys
- Survey data
 - What is weighting?
 - What is complex sample design?
 - What are hierarchical files?

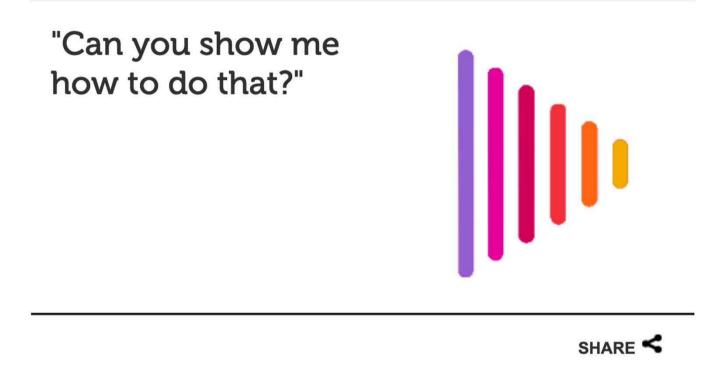


UK Data Service - Using R to analyse key UK surveys

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Videos



YouTube: https://www.youtube.com/user/UKDATASERVICE

Webinars

https://ukdataservice.ac. uk/news-andevents/events Showing 1 to 10 of 18 entries

1







Online workshops: Social data and the third sector: evidence, skills and tools

02 - 16 Jul 2020

Online



Family finance surveys user conference 2020

08 Jul 2020

Online, 09.45 - 15.15



Webinar: Energy data for research

13 Jul 2020

Online, 15.00 - 16.00 BST



Introduction to Big Data for the Social Sciences - Presented by UK Data Service

20 - 24 Jul 2020

Online



Webinar: Key data: UK and cross-national surveys

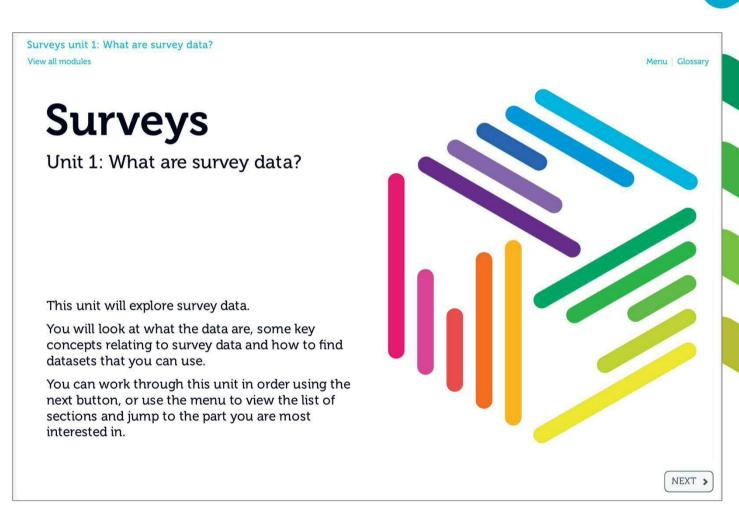
08 Oct 2020

Online, 15.00 - 16.00 BST

Data Skills Modules

- Survey data
- Aggregate data
- Longitudinal data
- Glossary

https://www.ukdataservice.ac.uk/use-data/data-skills-modules.aspx



Thank you

web: https://ukdataservice.ac.uk/ YouTube: https://www.youtube.com/user/UKDATASERVICE

https://ukdataservice.ac.uk

email: help@ukdataservice.ac.uk

twitter: @UKDataService





