

UK Data Service: what I'll cover

Key cross-sectional microdata on obesity and related content (diet and physical activity)

Using these data

- Benefits
- Example(s) of use:

Finding and accessing the data



Obesity: cross-sectional micro data

Key data (objective measurements; annual data):

- Health Survey for England
- Scottish Health Survey
- Welsh Health Survey
- National Child Measurement Programme



Other data:

- National Survey for Wales
- NI Health Survey
- British Social Attitudes: certain years e.g. 2015
- Opinions and Lifestyle survey
(was Omnibus Survey): certain years e.g. Omnibus 2003; April 2004



Health Survey for England

- Monitors the health of the English population:
 - Commissioned by NHS Digital and Carried out by NatCen and UCL
- Annual survey, 1991 onwards:
 - Annual snapshot of nation's health
 - Track trends over time
- Sample from Postcode Address File
 - 8,000 adults and 2,000 children (boosts from time to time)
- Face-to-face data collection
 - Interviewer and nurse visits

Health Survey for England

Interview	
General health	Smoking
Longstanding illness	Drinking
Hypertension	Physical activity
Diabetes	GHQ-12 / WEWBS / EQ-5D
Social care	Demographic information
Fruit and veg	Height & weight
Nurse	
Prescribed medication	Blood Pressure
Waist & hip	Saliva sample
Blood sample	

Additional modules/boosts each year e.g

2014: mental health

2012: physical activity

2011: cardiovascular disease;

Plus:

2016: weight management

[HSE time-series dataset on obesity \(1991-2011\)](#)

In 2017, what percentage of adults in England were BMI overweight or obese?



National Child Measurement Programme

- Funded by NHS Digital
- Annual data from 2006/7
- All children in state maintained primary schools
 - Reception Year (aged 4-5)
 - Year 6 (aged 10-11) s in England
- Anthropometric measurements
 - trained healthcare professionals in schools
- Dataset is a 'reduced' version of the full dataset
 - 2012-13: 1,078,555 pupils from 17,105 schools



Related data: diet and/or physical activity data

Dataset

National Diet and Nutrition Survey

Diet Among School Children in Scotland

What About Youth?

Food and You Survey

Active People Survey

Living Costs and Food Survey

Using large-scale cross-sectional datasets:

Benefits

- High quality, well documented data
- Nationally representative
- Sub population analyses
- Wide range of co-variates
- Examine change over time
- Pool data over time
- Household analyses

Research examples

- Green, M., et al. (2016) Population-level trends in the distribution of body mass index in England, 1992-2013
- Higgins, V. & Dale, A. (2010) Ethnic differences in Physical Activity and Obesity

Finding data in the data catalogue

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Finding data in the UK Data Service

obesity × 

Variable and question bank > QualiBank >

STUDIES (64)

SERIES (9)

Date from: Date to:

2010

2019

Refine date

Topic:

Data Type:

UK Survey data ×

Access:

Country:

Displaying 1 - 10 of 18 results for 'obesity'

Page 1 of 2

Results per page:

10

Sort by:

Relevance

SN 7567 | [National Child Measurement Programme, 2012-2013](#)

Health and Social Care Information Centre

SN 7395 | [National Child Measurement Programme, 2011-2012](#)

Information Centre for Health and Social Care

SN 7189 | [National Child Measurement Programme, 2010-2011](#)

Information Centre for Health and Social Care

SN 6789 | [National Child Measurement Programme, 2009-2010](#)

Information Centre for Health and Social Care

...and scrolling down the first results page.....

SN 7200 | [Survey of Diet among Children in Scotland, 2010](#)

Food Standards Agency | ScotCen Social Research | University of Hertfordshire |
University of Aberdeen

SN 8116 | [British Social Attitudes Survey, 2015](#)

NatCen Social Research

SN 7032 | [Impact of Retail Pricing on Overeating and Food Waste, 2010-2011](#)

Dobson, Paul | Seaton, Jonathan

SN 8405 | [National Diet and Nutrition Survey, Years 6 and 7, 2013/14 - 2014/15: Doubly Labelled Water Sub-Study](#)

NatCen Social Research

SN 6533 | [National Diet and Nutrition Survey Years 1-8, 2008/09-2015/16](#)

NatCen Social Research | MRC Elsie Widdowson Laboratory

SN 8334 | [Health Survey for England, 2016](#)

University College London | NatCen Social Research

Data Access from the UK Data Service

- Registration with the UK Data Service is required:
- Data are free except for commercial usages
- Most data available under End User Licence (online download)
 - Some available under Special Licence
- More recent development: NHS Digital Data Access Release System (DARs) process
 - Most recent National Child Measurement Programme dataset
 - Health Survey for England - under review
- Important web pages for access:
 - [UK Data Service Access pages](#)
 - [NHS Digital \(DARs\)](#)
 - [NHS Digital Roadshow slides \(DARs\)](#)