

# **A busy year for the cross-sectional health surveys**

Suzanne Hill

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# Health Survey for England (HSE)



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## What is the Health Survey for England?

- Annual snapshot of the nation's health
- Health Examination Survey
- Tracks trends over time
- Cross-sectional
- Nationally representative sample
  - 8,000 adults and 2,000 children each year

Commissioned by:



Carried out by:



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# Content

Core content including:

- Interview: General health, longstanding illness, hypertension, diabetes, smoking, drinking, social care, height and weight measurements
- Biomedical visit: blood pressure, waist and hip measurement, blood/urine/saliva samples

Additional content:

- Loneliness (2020/21)
- Dental health (2019)
- Disordered eating (2019, 2022)

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## HSE 2021

Report published in two parts in December 2022 and May 2023

- Adult health related behaviours; overweight and obesity in adults
- Adult health; physical activity; social care; gambling; loneliness and wellbeing
- Not able to report on children's health because of low number of children taking part

Data will be available on the archive later this year

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## HSE 2022

- Currently in field, primarily face-to-face interviews
  - 2022 extended due to industry-wide fieldwork challenges
- Fieldwork due to finish in August 2023 (interviewer) and October 2023 (nurse)
- Report will be in two parts: published in Spring 2024 and Summer 2024
- Will cover adult health, adult health related behaviours, child health and health related behaviours, and overweight and obesity in adults and children, as well as additional topics yet to be confirmed

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# Scottish Health Survey (SHeS)





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# What is the Scottish Health Survey?

- A national survey of the health of the Scottish population designed to represent people of **different ages, sexes, demographic areas and backgrounds**
- Designed to estimate, analyse, compare and monitor health & health related behaviours
- Began in 1995 and conducted annually since 2008
- Commissioned by the Scottish Government
- Carried out by ScotCen, ONS and academic collaborators
- Approximately 4,300 adults and 1,700 children



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# Core topics in 2023

Primarily face-to-face fieldwork with telephone contingency.

The survey itself is largely the same as 2021:

- Household questionnaire
- General health including caring
- Cardiovascular Disease & services
- Asthma
- Covid-19
- Physical and sedentary activity for adults and children
- Eating habits (children)
- Fruit and vegetable consumption (children)
- Drinking
- Smoking / E-cigarettes
- Dental health CPR training
- Education & employment

# Rotating modules in 2023

## CAPI:



Accidents



CPR



Physical activity places



Vitamins



Discrimination



Stress at work



Drinking context



Dental services



Parental history

## Self-completion:



Problem drinking



Drugs



Social capital



Food insecurity

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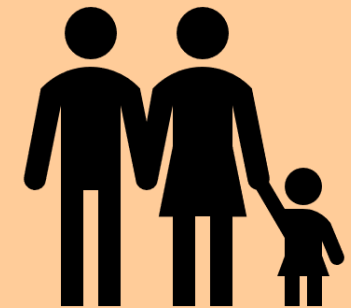
# Child Boost linked sample



- Change from before 2022 (where no information on potential children was known)
- Sample linked by eDRIS (electronic data team within NHS Scotland) to Community Health Index (CHI) records
- Identified addresses where a child was registered at the time of linkage
- Expect children to be living in around 64% of these households
- No further information about the household has been linked to the sample address

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# English Longitudinal Study of Ageing (ELSA)



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## What is the English Longitudinal Study of Ageing?

- ELSA recently celebrated a 20 year anniversary
- Has followed a sample of people in England aged 50+ since 2002
- Sample drawn from Health Survey for England and refreshed periodically
- Wide range of outcomes in the health, economic and social domains
- Includes a CAPI interview about every 2 years, and a biomedical visit every 4 years to collect physical function, anthropometric measurements and blood samples
- Funded by the NIA and UK Government departments

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# What is currently happening on ELSA?

## Data collection

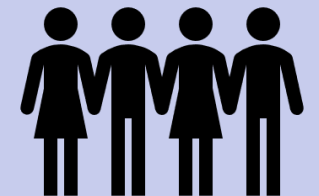
- Wave 10 disrupted by COVID but completed in March 2023 by mix of video interviews and CAPI. Included a refreshment sample with an ethnic minority boost
- Wave 11 to commence in July 2023 by CAPI. Will include a nurse visit in this wave and a refreshment sample
- Currently in the field with Wave 2 of the Healthy Cognitive Ageing Project (HCAP) substudy. Aims to investigate dementia risk using a harmonised cognitive assessment protocols (international comparative study)

## Data delivered to UKDS

- September 2023
- December 2024
- Spring 2024

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# **Adult Psychiatric Morbidity Survey (APMS)**





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## What is APMS?

- Nationwide survey conducted roughly every 7 years since 1993
- Provides quality data on prevalence and trends in mental health in England
- Commissioned by NHS England and sponsored by the Department of Health and Social Care
- Run by the National Centre for Social Research in collaboration with the University of Leicester
- Called the National Study of Health and Wellbeing in field
- Target sample size: around 8000 interviews

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## Fieldwork

- Currently in field
- Two-stage design:
  - Survey questionnaire
  - Clinical follow-up assessment for a subsample of participants
- Two samples for 2023:
  - Core sample (including deprived area boost)
  - Representing Ethnic Minority groups sample

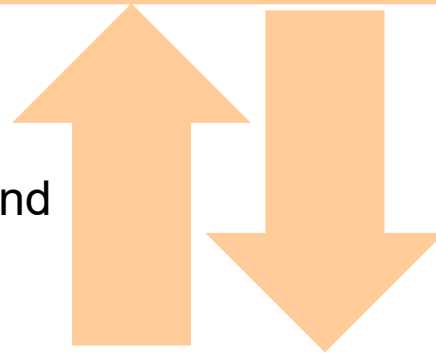
Black African, Black Caribbean, White and Black African, White and Black Caribbean, Indian, Pakistani or Bangladeshi

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## Representing Ethnic Minority Groups

- We want to ensure this survey is truly representative of the diverse communities across the country.
- In previous studies, the random selection of addresses has meant there hasn't been enough people taking part from certain ethnic backgrounds.
- Urgent need to update this data.
- The data we collect can be used to help improve healthcare and NHS services for these groups.

Common mental disorders were highest among Pakistani men at midlife (aged 35-54) and Indian and Pakistani women (aged 55-74).



Compared to White British groups of the same age and sex.

# Content

## CAPI 1

- Introductory questions, including household grid
- General health and activities of daily living
- Caring responsibilities
- Mental wellbeing
- Physical health conditions
- Sensory impairments
- Mental illness diagnoses and treatment
- Self-reported height and weight
- Common mental disorders
- Psychosis screening questionnaire
- ADHD
- Work related stress
- Tobacco

## Self-completion (CASI/CAWI)

- Alcohol (AUDIT)
- Drugs
- Problem gambling (PGSI)
- Eating disorders (SCOFF, EDE-QS)
- Personality disorder - borderline and antisocial and general
- Social functioning
- Bipolar disorder
- Autism
- Post-traumatic stress disorder
- Interpersonal violence and abuse
- Childhood abuse and neglect
- Suicidal thoughts, attempts and self-harm
- Discrimination
- Prison experience
- Sexual orientation and behaviour

## CAPI 2

- Cognitive and intellectual functioning
- Stressful life events
- Parenting
- Social support
- Religion
- Social capital and participation
- Ethnicity and migration
- Education and employment
- Financial and housing circumstances
- Admin

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# **National Study of Sexual Attitudes and Lifestyles (Natsal)**



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## What is Natsal?

- Takes place every 10 years since 1990. Natsal-4 launched September 2022.
- Collects data on health, relationships, experiences and attitudes towards topics relating to sex.

Carried out by:

LONDON  
SCHOOL of  
HYGIENE  
& TROPICAL  
MEDICINE



 **National Centre  
for Social Research**

- Informs the HPV vaccination program, National Chlamydia Screening programme and relationship and sex education in schools.
- Funded by the Wellcome Trust, the Economic and Social Research Council and the National Institute for Health Research.

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## Fieldwork

- Individuals selected aged 16-59 years old across England, Scotland and Wales.
  - Young People (16-29) Boost: interviewers are selecting and interviewing YPs in 75% of their addresses to ensure they are represented in the sample
- Participants asked to consent and provide a biological sample (urine or vaginal) and consent to data linkage.

### **Postcode Address File**

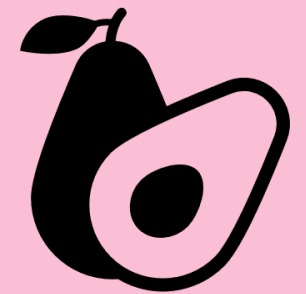
- Addresses randomly selected from postcode address file.
- Interviewers conduct face to face and telephone interviews.

### **NatCen Opinion Panel**

- Participants who agree to follow up contact on British Social Attitudes (BSA) survey.
- Interviewers conduct telephone interviews.
- Short web follow-up with non-responders.

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# **National Diet and Nutrition Survey (NDNS)**





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# What is the National Diet and Nutrition Survey?

- Cross-sectional, continuous survey of diet and nutrition for individuals in the UK
- Designed to be representative of the general UK population
- Provides the information needed to develop and monitor public health and protect food safety

## Funders



## Consortium



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## NDNS update

Years 12-15 (2019-2023):

- Moved from previous dietary intake collection method of paper diaries, to web-based collection using Intake24
- Mixture of telephone and face-to-face survey data collection due to pandemic
- Biomedical visit to collect blood samples
- All fieldwork now finished
- Preparing for Y12-15 UK and Y10-15 NI reports, to be published in 2024

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# Adult Oral Health Survey (AOHS)



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## What is the Adult Oral Health Survey?

- Provides up to date surveillance information on adult oral health status, health inequalities, oral health related quality of life, and oral health behaviours
- Conducted roughly every 10 years since 1968
- Commissioned by the Office for Health Improvement and Disparities, and the Department of Health and Social Care
- Consortium made up of:



UNIVERSITY OF  
BIRMINGHAM



Newcastle  
University



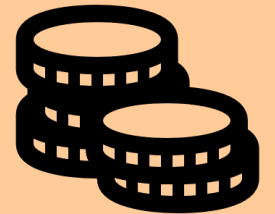
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## AOHS 2023 Fieldwork

- AOHS 2023 survey is a **paired** visit for the first time (interviewers and dental examiners visiting households together)
- Interviewer: household questionnaire, individual questions on health and lifestyle, oral health behaviour, as well as scales including The Modified Dental Anxiety Scale and the Oral Impact of Dental Problems scale
- Examiner: health of intraoral soft tissues, presence of dentures, tooth condition, tooth wear

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# The Gambling Survey of Great Britain



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## What is the Gambling Survey of Great Britain?

- Collects data on gambling behaviours among adults in Great Britain
- The aim of the current work is to test new methodology to measure gambling participation and prevalence of problem gambling
- Replaces existing surveys carried out for the Gambling Commission
- Commissioned by the Gambling Commission
- Carried out by the National Centre for Social Research in collaboration with Heather Wardle (University of Glasgow)

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## Experimental Statistics Phase

- Completed stakeholder engagement and pilot study
- Year of Experimental Statistics looking at different methodology including:
  - Participant selection (e.g. up to two adults or up to four adults per household)
  - Different methods of asking about having spent money on gambling activities in the past 12 months (e.g. long list, category list, chunked list)
- Push-to-web with option of paper completion
- Currently considering whether to roll out the survey



**Thank you**

**T.** 020 7250 1866  
**F.** 020 7250 1524  
**E.** [info@natcen.ac.uk](mailto:info@natcen.ac.uk)  
**W.** [www.natcen.ac.uk](http://www.natcen.ac.uk)

**Registered Office**

35 Northampton Square  
London EC1V 0AX

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