Designing the next Adult Psychiatric Morbidity Survey (APMS)

Health Studies User Conference

Katie Ridout
Longest running mental health survey time series using consistent methods.
2023 will include an ethnic minority boost and deprived areas boost
Aims

- Prevalence of mental health conditions
- Change in prevalence over time
- Inequalities in prevalence
- Extent of support and treatment use
- Inequalities in support and treatment use
- Context and comorbidities
2023 Timeline

**Development**
- April 2021: Consultation
- Sep 2021: Cognitive testing

**Piloting and testing**
- May 2022: DRH-Core
- June 2022: DRH-Ethnic minority boost

**Mainstage fieldwork**
- Sep 2022: Mainstage fieldwork starts - Core
- Nov 2022: Mainstage fieldwork starts - Ethnic minority boost
APMS 2023

- Probability sample of private households in England
- Cross-sectional
- Adults aged 16+
- Two-phase design
- Department of Health and Social Care funded
- NHS Digital commissioned
APMS 2023: Survey design

- Black African, Black Caribbean, Black Mixed, Indian, Pakistani, Bangladeshi

- 8,000 core, 739 deprived areas, 3000 EMB
APMS 2023: Fieldwork process

Advanced letters sent

Interviewer makes contact
- Adult selection

Interview carried out
- CAPI & CASI
- Consent for phase 2
- Data linkage consent
APMS 2023: Phase 1 proposed content

- 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
- Alcohol (AUDIT)
- Drugs
- Problem gambling (Screener qs, 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
- 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
APMS 2023: Phase 2 content

Carried out by the University of Leicester:

- Subsample of phase 1 - 700 (core), 65 (deprived areas) 263 (EMB) & 150 (ED)
- Psychosis
- Autism
- ADHD
- Eating disorders
APMS 2023: Eating disorders

- **Background**
  - Increase in referrals to eating disorder services in England.
  - DHSC need an accurate picture of the current prevalence and distribution

**Phase 1**
- SCOFF
- EDE-QS

**Phase 2**
- SCAN ED
- Development
  - Testing and validation
APMS 2023: Gambling

• Gambling is a priority area for 2023

• Last included in 2007
  - DSM

• Problem Gambling Severity Index (PGSI) included in 2023
  - focuses on a range of specific harms associated with gambling
  - comparability with HSE/SheS

• Treatment use for gambling
APMS 2023: Ethnic minority boost

Development:

• Urgent need for mental health data from ethnic minority groups

• Review of previous surveys with boosts
  - Processes involved (EVENS, SELCOH, EMPIRIC).

• Review of question content
  - Adapting questions to increase their relevance and inclusion (religion, discrimination, ethnicity and migration modules).

• Participant engagement
  - Messaging for participants
  - Immersive change agency
APMS 2023: Ethnic minority boost

Sample Design:

• Random selection of addresses within higher ethnic density areas.

• Screen for households identifying as belonging to at least one of the six selected ethnic groups.

• Aim to achieve 500 interviews in each group.
APMS 2023: Ethnic minority boost

Fieldwork design:

• Two stage process

  • Screening
    - Specialist panel being recruited
    - Working with a specialist comms agency to develop recruitment process and resources

• Translations
  - Urdu interview translation
APMS 2023: Ethnic minority boost DRH

Key findings from EMB DRH:

- ‘Black Mixed’ group definition.
- Ability reallocate interviews to different interviewers.
- Review interview length.
- Provide stronger examples of how the survey data has and will be used, with focus on ethnic minority groups.
- Follow-up letter between screening and interviewing.
- Difficulty accessing buildings.
- Provide further training and support for interviewers.
Mental Health and Wellbeing in England report
http://content.digital.nhs.uk/catalogue/PUB21748

UK Data Service
https://discover.ukdataservice.ac.uk/series/?sn=2000044

Study website
https://mentalhealthsurveys.org/
Thank you!

Katie Ridout - Senior Researcher
T. 0207 549 7063
E. Katherine.Ridout@natcen.ac.uk
Visit us online, natcen.ac.uk