

Research Symposium– Thursday 8 November 2012

North West Adelaide Health Study – Process for substudies and obtaining data

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What information do we collect?

CORE – All 3 stages

- Conditions
 - asthma, bronchitis, emphysema (incl **lung function testing**)
 - diabetes (incl **blood sample testing for glucose and HbA1C for diabetes**)
 - cardiovascular disease (heart attack, stroke, angina) (incl **blood pressure testing** and **blood sample testing for cholesterol and triglycerides**)
 - mental health (anxiety, depression, stress-related, any other mental health conditions)
- Risk Factors
 - smoking
 - alcohol
 - obesity and central adiposity (incl **height & weight for body mass index, waist and hip circumference**)
 - quality of life (SF36)
 - physical activity (National Health Survey/Active Australia)
 - health care utilisation
 - family history (diabetes, heart disease, stroke)
- Demographics
 - education, household income, marital status, work status, pension benefit



What information do we collect?

MATCHED – 2 of 3 stages

- Conditions
 - cardiovascular disease (TIA/mini-stroke)
 - musculoskeletal conditions - **osteoporosis**, arthritis (low back, hips, knees, feet, shoulders, hands), injury (incl **hand grip strength**)
 - depression (CES-D)
 - kidney health (incl **urine sample testing for albumin & creatinine**)

- Risk Factors
 - family history (osteoporosis)

- Demographics
 - occupation, family structure



What information do we collect?

SINGLE MEASURES – Stages 1, 2 & 3 and TFU2

Stage 1:	<p>Risk factors: skin allergies</p> <p>Demographics: age, date of birth, sex, number of people <18 and 18+ in household, country of birth, Aboriginal/Torres Strait Islander status</p>
Stage 2:	<p>Conditions: mental health (GHQ12), arthritis (shoulder movements; hand photos)</p> <p>Risk factors: sunlight, menopause</p>
Telephone Follow Up 2:	<p>Supplementary information including demographics (occupation, study and other life commitments), life-course information (parents' country of birth, etc), neighbourhood migration, lifestyle, nutrition, psychological distress (K10)</p>
Stage 3:	<p>Conditions: gout</p> <p>Risk factors/other: family history (high blood pressure, body type of biological parents, asthma), quality of life (AQOL), sleep and sleep apnoea, mastery and control, major health events, cardiovascular knowledge, household food habits and environment, other people in household, kindergarten attendance, carers role, nutrition (food frequency questionnaire), blood sample (DNA, c-reactive protein, complete blood exam & biochemistry), exhaled nitric oxide, exhaled carbon monoxide, pulse oximetry, health literacy (short form)</p> <p>Demographics: housing situation, money situation</p>



Application forms

Data & substudy requests

- <http://health.adelaide.edu.au/pros/data/nwahs/>

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Population Research and Outcome Studies

You are here: School of Medicine > PROS Home > Data Sources > North West Adelaide Health Study (NWAHS) text zoom : S | M | L Login

North West Adelaide Health Study (NWAHS)

[NWAHS overview](#) | [Reports](#) | [Presentations](#) | [Publications](#) | [Brief reports](#) | [Data collection items](#) | [Requests for data or sub-study](#) | [Media](#)



NWAHS overview

The North West Adelaide Health Study is a representative biomedical population cohort study of approximately 4000 adults aged 18 years and over recruited from the northern and western regions of Adelaide. It is an ongoing epidemiological research collaboration between the South Australian Department of Health, The University of Adelaide, the University of South Australia, The Queen Elizabeth Hospital, the Lyell McEwin Hospital and the Institute of Medical and Veterinary Science.

The study is an important research activity which supplies much of the evidence for the magnitude of the chronic disease problem and relevant risk factors. It provides the baseline data to enable measurement of the effectiveness of strategies in preventing and managing chronic disease. The study is an important resource for health planners, service providers and policy makers, as well as for community members. Its aim is to help develop sustainable strategies to reduce the chronic disease burden in the population.

The study focuses on priority health conditions such as asthma, diabetes, chronic obstructive pulmonary disease, arthritis, osteoporosis, and cardiovascular disease. Risk factors that are common to many chronic conditions including obesity, smoking, alcohol consumption, physical inactivity, high blood pressure and high cholesterol, are also investigated.

Stage 1 (baseline recruitment) was conducted between 1999 and 2003 (Phase 1A 1999-2000/Phase 1B 2002-03); Stage 2 (first follow-up) was conducted between 2004 and 2006; and Stage 3 (second follow-up) was conducted between 2008 and 2010. Telephone follow-up surveys have also been conducted in 2002 and 2007.

Data collection items

Stage 1 (1999-2003)

[Telephone survey](#)
[Questionnaire A](#)
[Clinic running sheet](#)

Stage 2 (2004-06)

[Telephone survey](#)
[Questionnaire B](#)
[Clinic running sheet](#)

Telephone follow-up surveys

[Telephone follow-up 1 survey \(Phase 1A\) - 2002](#)
[Telephone follow-up 2 survey - 2007](#)

Stage 3 (2008-10)

[Telephone survey](#)
[Questionnaire C](#)
[Clinic running sheet](#)

Request for data or sub-studies

[Request for DATA](#)
[Request for SUB-STUDY](#)
[Overview of data collection items](#)



Application forms

Substudies and data requests

- Substudy – participant burden & ongoing involvement
- Research project – proposal & ethics approval
- Non-transferability of specific agreement
- Publications – review by study CIs
- Acknowledgement of study team and participants
- Non-identification
- No distribution of data
- Payment
- Weighting data
- Security of data
- Refusal to release study data
- Termination of agreement



Contact details

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