

South Africa - Cape Area Panel Study 2002-2009, Waves 1-5

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Sampling

Sampling Procedure

The CAPS household sample was drawn through a two-stage process. First, the 'enumeration areas' (EAs) used for the 1996 Population Census were divided into three strata according to whether the population of each was predominantly African, predominantly coloured or predominantly white. A sample of primary sampling units (PSUs) was selected within each stratum with probability proportional to size. Within each PSU a sample of 25 screener households was drawn. The Overview and Technical Documentation for Waves 1-2-3-4-5 provides a more detailed discussion of the sampling design. Data users should take the stratification and clustering into account for all analyses. Strata and PSUs are identified by the majpop and cluster variables respectively.

Response Rate

Weighting

The public release data include sample weights that should be used to adjust for the sample design. Three sample weights for wave 1 are included in the data, each of which deal with specific issues.

The first of these weights, "weightsd", adjusts for three critical elements of the sample design: 1) the intentional oversampling of African and white households; 2) the intentional differential sampling of households with and without young adult household members; and 3) the addition of secondary households (backyard shacks) into the sample of screener households in the field. This weight is incorporated into the other two sample weights. The second, weighthtr, begins from the first weight and adds additional adjustments for unit non-response at the level of PSUs. The third sample weight, weightyr, is an individual young adult weight that adds additional adjustment for individual non-response. This adjustment is made by calculating response rates for each combination of single years of age, sex, and population group (8x2x3=48 cells) using the information provided on the household questionnaire.

In addition to the three sample design weights, the Waves 1-2-3-4-5 public release data sets include additional weights to adjust for individual young adult non-response in Waves 2, 3, 4 and 5. Since Wave 2 is composed of two sub-waves (Waves 2a & 2b) with different modules asked of different sub-samples, there are three Wave 2 attrition weights. The weight w2a_weightyr corresponds to the Wave 2a sub-sample (approximately one-third of the total CAPS Young adult sample), the weight w2b_weightyr corresponds to the Wave 2b sub-sample (approximately two-thirds of the total CAPS Young adult sample), and the weight w2y_weightyr corresponds to the combined "total" Wave 2 sample. All of these weights are individual young adult weights that add an additional adjustment for individual young adult non-response in Wave 2a, 2b or 2 "total" to the weight weightyr, which adjusts for the sample design and Wave 1 non-response.

Similarly the weights, w3y_weightyr, w4y_weightyr and w5y_weightyr, are individual young adult weights that add additional adjustment for individual young adult non-response in Waves 3, 4 and 5 to the weight weightyr. The adjustment for Wave 2a, 2b, Wave 2 "total", Wave 3, Wave 4 or Wave 5 young adult non-response is made by estimating separate probit models of the probability the respondent completed a Wave 2a, 2b, either of the Wave 2, Wave 3, Wave 4 or Wave 5 young adult questionnaire. Information given in Wave 1 on age, sex and population group was included in the model. As in the construction of the original weight weightyr, the small number of individuals classified as Indian and other were merged with the Coloured group. From the estimation, the predicted probability was inverted and then capped at the 99% percentile to obtain the non-response adjustment.

Questionnaires

Overview

- Wave 1 (2002) included a household questionnaire, a young adult questionnaire and a literacy and numeracy evaluation questionnaire
- Wave 2a (2003-2004) and 2b (2004) both included young adult questionnaires only
- Wave 3 (2005) included a household questionnaire, a parent questionnaire and a young adult questionnaire
- Wave 4 (2006) included a household questionnaire, an older adult questionnaire, a young adult questionnaire, a young adult proxy questionnaire and a child questionnaire
- Wave 5 (2009) included a young adult questionnaire, young adult telephonic questionnaire and a young adult proxy questionnaire

Data Collection

Data Collection Dates

Start	End	Cycle
2002	2002	Wave 1
2003	2004	Wave 2
2005	2005	Wave 3
2006	2006	Wave 4
2009	2009	Wave 5

Data Collection Mode

Face-to-face [f2f]

Data Processing

No content available

Data Appraisal

No content available

Related Materials

Questionnaires

CAPS Wave 1 Household Questionnaire

Title CAPS Wave 1 Household Questionnaire
Country South Africa
Filename CAPS Wave 1 Household Questionnaire.pdf

CAPS Wave 1 Literacy and Numeracy Evaluation Questionnaire

Title CAPS Wave 1 Literacy and Numeracy Evaluation Questionnaire
Country South Africa
Filename CAPS Wave 1 Literacy and Numeracy Evaluation Questionnaire.pdf

CAPS Wave 1 Young Adult Questionnaire

Title CAPS Wave 1 Young Adult Questionnaire
Country South Africa
Filename CAPS Wave 1 Young Adult Questionnaire.pdf

CAPS Wave 2a Young Adult Questionnaire

Title CAPS Wave 2a Young Adult Questionnaire
Country South Africa
Filename CAPS Wave 2a Young Adult Questionnaire.pdf

CAPS Wave 2b Young Adult Questionnaire

Title CAPS Wave 2b Young Adult Questionnaire
Country South Africa
Filename CAPS Wave 2b Young Adult Questionnaire.pdf

CAPS Wave 2b Young Adult School Choice Questionnaire

Title CAPS Wave 2b Young Adult School Choice Questionnaire
Country South Africa
Filename CAPS Wave 2b Young Adult School Choice Questionnaire.pdf

CAPS Wave 3 Household Questionnaire

Title CAPS Wave 3 Household Questionnaire
Country South Africa
Filename CAPS Wave 3 Household Questionnaire.pdf

CAPS Wave 3 Parent Questionnaire

Title CAPS Wave 3 Parent Questionnaire
Country South Africa
Filename CAPS Wave 3 Parent Questionnaire.pdf

CAPS Wave 3 Young Adult Questionnaire

Title CAPS Wave 3 Young Adult Questionnaire
Country South Africa
Filename CAPS Wave 3 Young Adult Questionnaire.pdf

CAPS Wave 4 Child Questionnaire

Title CAPS Wave 4 Child Questionnaire
Country South Africa
Filename CAPS Wave 4 Child Questionnaire.pdf

CAPS Wave 4 Household Questionnaire

Title CAPS Wave 4 Household Questionnaire
Country South Africa
Filename CAPS Wave 4 Household Questionnaire.pdf

CAPS Wave 4 Older Adult Questionnaire

Title CAPS Wave 4 Older Adult Questionnaire
Country South Africa
Filename CAPS Wave 4 Older Adult Questionnaire.pdf

CAPS Wave 4 Young Adult Questionnaire

Title CAPS Wave 4 Young Adult Questionnaire
Country South Africa
Filename CAPS Wave 4 Young Adult Questionnaire.pdf

CAPS Wave 4 Young Adult Proxy Questionnaire

Title CAPS Wave 4 Young Adult Proxy Questionnaire
Country South Africa
Filename CAPS Wave 4 Young Adult Proxy Questionnaire.pdf

CAPS Wave 5 Young Adult Questionnaire Booklet

Title CAPS Wave 5 Young Adult Questionnaire Booklet
Country South Africa
Filename CAPS Wave 5 Young Adult Questionnaire Booklet.pdf

Technical documents

Income Imputations for CAPS

Title	Income Imputations for CAPS
Author(s)	Jonathan Argent
Date	2010-12-05
Country	South Africa
Contributor(s)	Jonathan Argent
Publisher(s)	SALDRU
Description	This report documents the construction and, where necessary, imputation of monthly income variables for the Cape Area Panel Study (CAPS). The construction of income variables concerns waves 1, 3, 4, and 5 of CAPS, as wave 2 did not contain questions of this sort. The Stata do-files for this process are available online, and this should be the first source of interest for more detail on the imputations.
Filename	CAPSW1345 Household Imputations.pdf

The Cape Area Panel Study, A Very Short Introduction to the Integrated Waves 1-2-3-4-5 (2002-2009) Data

Title	The Cape Area Panel Study, A Very Short Introduction to the Integrated Waves 1-2-3-4-5 (2002-2009) Data
Author(s)	David Lam, Cally Ardington, Nicola Branson, Anne Case, Murray Leibbrandt, Brendan Maughan-Brown, Alicia Menendez, Jeremy Seekings and Meredith Sparks
Date	2012-10-01
Country	South Africa
Description	This document is intended as a tool for users of the CAPS Integrated Waves 1-2-3-4-5 data in their analyses by providing summary information on the structure of the datasets, including public identifiers, variable naming conventions and constructed variables. This document also provides information on how to correctly use sample weights and how to access and cite the data. For more in-depth information on all the topics covered in this introduction please refer to the Overview and Technical Documentation for Waves 1-2-3-4-5.
Filename	CAPSW12345 Introduction.pdf

The Cape Area Panel Study, Overview and Technical Documentation Waves 1-2-3-4-5 (2002-2009)

Title	The Cape Area Panel Study, Overview and Technical Documentation Waves 1-2-3-4-5 (2002-2009)
Author(s)	David Lam, Cally Ardington, Nicola Branson, Anne Case, Murray Leibbrandt, Brendan Maughan-Brown, Alicia Menendez, Jeremy Seekings and Meredith Sparks
Date	2012-10-01
Country	South Africa
Description	This document contains information on the design of the Cape Area Panel Study, sampling and structure of the questionnaires and datasets for Waves 1, 2, 3, 4 & 5 (2002, 2003-2004, 2005, 2006 & 2009).
Filename	CAPSW12345 Overview and Technical.pdf

The Cape Area Panel Study, Variable Crosswalk for Waves 1-2-3-4-5 (2002-2009)

Title	The Cape Area Panel Study, Variable Crosswalk for Waves 1-2-3-4-5 (2002-2009)
Country	South Africa
Filename	CAPSW12345 Variable Crosswalk.xlsx
