

South Africa - Network for Analysing Longitudinal Population-based HIV/AIDS data on Africa (ALPHA Network)

Sweetness H Dube

Report generated on: July 31, 2024

Visit our data catalog at: <https://data.ahri.org/index.php>

Identification

SURVEY ID NUMBER

AHRI.AN02-02.Dataset.6.2b

TITLE

Network for Analysing Longitudinal Population-based HIV/AIDS data on Africa (ALPHA Network)

COUNTRY

Name	Country code
South Africa	ZA

ABSTRACT

The ALPHA Network is a collaboration between 10 longitudinal studies in sub-Saharan Africa. These studies collect data on HIV infection alongside demographic, behavioural, socio-economic and clinical data from residents of the study areas. The Network harmonises these data and conducts comparable and pooled analyses on HIV-related research questions. AHRI contributes data from ACDIS and PIP to the Network and this is referred to within the Network as uMkhanyakude. This dataset contains the sex and date of birth for the population resident in the study area and dates of migrations and deaths. It is used to construct the population denominator for all analyses.

KIND OF DATA

Surveillance data

UNIT OF ANALYSIS

Each observation describes an individual's period of residence in a household

Scope

TOPICS

Topic	Vocabulary	URI
Demography Epidemiology HIV Mortality Incidence	Africa Health Research Institute	www.ahri.org

KEYWORDS

Keyword	Vocabulary	URI
ALPHA; ALPHA Network; HIV incidence; HIV mortality; ANDLA Network; residency	Africa Health Research Institute	www.ahri.org

Coverage

GEOGRAPHIC COVERAGE

Africa Health Research Institute Population Intervention Study Area (PIPSA)

UNIVERSE

Household members of the Africa Health Research Institute Population Intervention Programme Study Area

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
Kobus Herbst	Africa Health Research Institute

Willem Hanekom	Africa Health Research Institute
Mark Siedner	Africa Health Research Institute
Guy Harling	Africa Health Research Institute

PRODUCERS

Name	Abbreviation
Africa Health Research Institute	AHRI

FUNDING AGENCY/SPONSOR

Name	Abbreviation	Role
Wellcome Trust	WT	Core funding
SAPRIN	SAPRIN	

OTHER IDENTIFICATIONS/ACKNOWLEDGMENTS

Name	Affiliation	Role
Thobeka Mngomezulu	AHRI	Data collection
Phumzile Dlamini	AHRI	Data collection
Nomathamsanqa Majozi	AHRI	Public Engagement
Siyabonga Nxumalo	AHRI	Data extraction
Sweetness Dube	AHRI	Data Documentation
Dickman Gareta	AHRI	Data Management oversight
Eugene Ehlers	AHRI	Software Development
Theresa Smit	AHRI	Laboratory oversight
Gregory Ordning-Jesperse	AHRI	Laboratory data management

Sampling

SAMPLING PROCEDURE

Household demographic surveillance

Data collection

DATES OF DATA COLLECTION

Start	End
2001-02-21	2024-05-23

Access policy

ACCESS CONDITIONS

Access to the data requires accurate completion of the online data access application form accessible on the AHRI Data repository(<<https://data.ahri.org/>>). Data users are required to abide by the data use conditions stipulated on the application for access to the data. Failure to do so may result in their data access privileges being revoked by the Data Custodian. In order to recognise the effort and intellectual contributions of AHRI investigators in producing and curating the data, users of AHRI data must acknowledge the source of the data and abide by the terms and conditions under which the data is accessed and must cite the dataset in publication using the citation provided as part of this documentation. All

analytical datasets published on the AHRI Data Repository are assigned digital object identifier (DOIs) and the DOIs can be found on the Data Repository under Study Description tab - Access policy. AHRI data users are required to always cite the dataset using the relevant DOI.

CITATION REQUIREMENTS

Herbst, K., Hanekom, W., Siedner, M., & Harling, G. (2024). Network for Analysing Longitudinal Population-based HIV/AIDS data on Africa (ALPHA Network) [Data set]. Africa Health Research Institute.

DOI:<https://doi.org/10.23664/AHRI.AN02-02.DATASET.6.2B>

Metadata production

DDI DOCUMENT ID

DDI.AHRI.AN02-02.Dataset.6.2b

PRODUCERS

Name	Abbreviation
Africa Health Research Institute	AHRI

Data Dictionary

Data file	Cases	Variables
AN02-02 Dataset 6.2b	258266	9

Data file: AN02-02 Dataset 6.2b

Cases: 258266

Variables: 9

Variables

ID	Name	Label	Question
V28	idno	Person ID number	
V29	study_name	Name of study field site	
V30	hiv_test_date	date of HIV test	
V31	hiv_test_result	HIV test result	
V32	informed_of_result	whether or not the participant was informed of test result	
V33	source_of_test_information	Where the test information comes from	
V34	test_assumption	Test assumption	
V35	original_hiv_test_result	Original hiv test result	
V36	survey_round_name	Round name	

Total: 9

IDNO: Person ID number**Data file: AN02-02 Dataset 6.2b****Overview**

Valid: 258266 Invalid: 0 Minimum: 16 Maximum: 274284 Mean: 83509.275 Standard deviation: 61482.673

Type: Continuous Decimal: 0 Width: 12 Range: 16 - 274284 Format: Numeric

STUDY_NAME: Name of study field site**Data file: AN02-02 Dataset 6.2b****Overview**Valid: 258266 Invalid: 0
Type: Discrete Width: 12 Range: - Format: character**HIV_TEST_DATE: date of HIV test****Data file: AN02-02 Dataset 6.2b****Overview**Valid: 235760 Minimum: 2001-02-21 Maximum: 2024-05-23
Type: Discrete Width: 11 Range: - Format: character**HIV_TEST_RESULT: HIV test result****Data file: AN02-02 Dataset 6.2b****Overview**Valid: 254429 Invalid: 3837
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 3 Format: Numeric**Questions and instructions**

CATEGORIES

Value	Category	Cases	
0	negative	168682	66.3%
1	positive	85335	33.5%
2	indeterminate	412	0.2%
3	not reported	0	0%
Sysmiss		3837	

INFORMED_OF_RESULT: whether or not the participant was informed of test result**Data file: AN02-02 Dataset 6.2b**

Overview

Valid: 258266 Invalid: 0
 Type: Discrete Decimal: 0 Width: 12 Range: 0 - 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	no	234772	90.9%
1	yes	23494	9.1%
8	Don?t know/not asked	0	0%

SOURCE_OF_TEST_INFORMATION: Where the test information comes from

Data file: AN02-02 Dataset 6.2b

Overview

Valid: 258266 Invalid: 0
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	part of a population-based study	234772	90.9%
2	part of a special research study	0	0%
3	clinical record- HIV clinic	23494	9.1%
4	self reported by respondent	0	0%
5	report by proxy respondent at VA	0	0%
6	clinical record- walk in VCT	0	0%
7	clinical record- PMTCT/ANC	0	0%
8	clinical record- other	0	0%

TEST_ASSUMPTION: Test assumption

Data file: AN02-02 Dataset 6.2b

Overview

Valid: 258266 Invalid: 0
 Type: Discrete Decimal: 0 Width: 12 Range: 0 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	New test	258266	100%
1	Test from previous study used	0	0%
2	Previous positive HIV test used	0	0%
3	self reported instead of testing (Kisumu)	0	0%

ORIGINAL_HIV_TEST_RESULT: Original hiv test result

Data file: AN02-02 Dataset 6.2b

Overview

Valid: 254429 Invalid: 3837

Type: Discrete Decimal: 0 Width: 12 Range: 0 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	negative	168682	66.3%
1	positive	85335	33.5%
2	indeterminate	412	0.2%
3	not reported	0	0%
Sysmiss		3837	

SURVEY_ROUND_NAME: Round name

Data file: AN02-02 Dataset 6.2b

Overview

Valid: 234181 Invalid: 24085 Minimum: -98 Maximum: 20 Mean: 11.129 Standard deviation: 5.784

Type: Continuous Decimal: 0 Width: 12 Range: -98 - 20 Format: Numeric

Download related resources

Technical documents

DDI:AHRI.AN02-02.Dataset.6.2b

Title	DDI:AHRI.AN02-02.Dataset.6.2b
Author(s)	Sweetness H Dube
Date	31/07/2024
Country	South Africa
Language	English
Publisher(s)	Sweetness H Dube
Filename	AHRI.AN02-02.Dataset.6.2b.pdf
