South Africa - ALPHA Network residency data for uMkhanyakude (AHRI) from January 2000 to December 2020.

Sweetness H Dube

Report generated on: February 25, 2022

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

Overview

Identification

ID NUMBER
AN01-03.Dataset.6.1

Version

VERSION DESCRIPTION
V1.0.0

Overview

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.

Reference:

Data Resource Profile: Network for Analysing Longitudinal Population-based HIV/AIDS data on Africa (ALPHA Network). <https://pubmed.ncbi.nlm.nih.gov/26968480/>

Reniers G, et al. Int J Epidemiol. 2016. PMID: 26968480 Free PMC article. No abstract available.

KIND OF DATA
Census Data

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

TOPICS

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

KEYWORDS
ALPHA; ALPHA Network; HIV incidence; HIV mortality; ANDLA Network; residency

Coverage

GEOGRAPHIC COVERAGE
KwaZulu-Natal

UNIVERSE
Participants in the Health and Demographic Surveillance System known first as the Africa Centre Demographic Information System and subsequently as the Population Information Platform.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
Kobus Herbst	Africa Health Research Institute

OTHER PRODUCER(S)

Name	Affiliation	Role
Africa Health Research Institute		

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Africa Health Research Institute	AHRI		

DDI DOCUMENT ID
DDI.AN01-03.Dataset.6.1

Sampling

No content available

Questionnaires

No content available

Data Collection

Data Collection Dates

Start	End	Cycle
2000-01-02	2020-12-04	N/A

Data Processing

No content available

Data Appraisal

No content available

File Description

Variable List

AN01-03 Dataset 6.1

Content	
Cases	526955
Variable(s)	10
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V35	idno	ID Number	contin	numeric	
V36	sex	Sex	discrete	numeric	
V37	dob	Date of birth	discrete	character	
V38	residence	Residence	discrete	numeric	
V39	resident	Resident	discrete	numeric	
V40	entry_date	Entry date	discrete	character	
V41	entry_type	Entry type	discrete	numeric	
V42	exit_date	Exit date	discrete	character	
V43	exit_type	Exit type	discrete	numeric	
V44	study_name	Study name	discrete	character	

ID Number (idno)
File: AN01-03 Dataset 6.1

Overview	

Type: Continuous
Format: numeric
Width: 12
Decimals: 0
Range: 11-256028

Valid cases: 526955
Invalid: 0
Minimum: 11
Maximum: 256028
Mean: 107940.7
Standard deviation: 68294.9

Sex (sex)
File: AN01-03 Dataset 6.1

Overview	

Type: Discrete
Format: numeric
Width: 12
Decimals: 0
Range: 1-3

Valid cases: 526955
Invalid: 0

Date of birth (dob)
File: AN01-03 Dataset 6.1

Overview	

Type: Discrete
Format: character
Width: 11

Valid cases: 526955
Minimum: NaN
Maximum: NaN

Residence (residence)
File: AN01-03 Dataset 6.1

Overview	

Type: Discrete
Format: numeric
Width: 12
Decimals: 0
Range: 0-2

Valid cases: 526188
Invalid: 767

Resident (resident)
File: AN01-03 Dataset 6.1

Overview	

Type: Discrete
Format: numeric
Width: 12
Decimals: 0
Range: 0-1

Valid cases: 526955
Invalid: 0

Entry date (entry_date)
File: AN01-03 Dataset 6.1

Overview	
Type: Discrete	Valid cases: 526955
Format: character	Minimum: NaN
Width: 11	Maximum: NaN

Entry type (entry_type)
File: AN01-03 Dataset 6.1

Overview	
Type: Discrete	Valid cases: 526955
Format: numeric	Invalid: 0
Width: 12	
Decimals: 0	
Range: 1-5	

Exit date (exit_date)
File: AN01-03 Dataset 6.1

Overview	
Type: Discrete	Valid cases: 526955
Format: character	Minimum: NaN
Width: 11	Maximum: NaN

Exit type (exit_type)
File: AN01-03 Dataset 6.1

Overview	
Type: Discrete	Valid cases: 526955
Format: numeric	Invalid: 0
Width: 12	
Decimals: 0	
Range: 1-9	

Study name (study_name)
File: AN01-03 Dataset 6.1

Overview	
Type: Discrete	Valid cases: 526955
Format: character	Invalid: 0
Width: 5	

Documentation

Technical documents

DDI:Alpha Network Dataset 6.1

Title	DDI:Alpha Network Dataset 6.1
Author(s)	Sweetness H Dube
Date	03/02/2022
Country	South Africa
Language	English
Filename	AN01-03 Dataset 6.1.pdf