

# South Africa - DREAMS-Multilevel Baseline

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## Overview

### Identification

#### ID NUMBER

AHRI.DREAMS.Multilevel.Baseline

### Version

#### VERSION DESCRIPTION

V2.0.0

### Overview

#### ABSTRACT

This study seek to arrest the HIV epidemic and its negative impact on young people in SSA communities by improving the uptake, retention and adherence of multi-level combination HIV prevention by AGYW and male partners. Specifically, the interventions supported by PEPFAR's Determined, Resilient, Empowered, AIDS free, Mentored, and Safe (DREAMS) program. Our central hypothesis is that effective uptake and retention of interventions by young people requires activation of interpersonal, family and community-level networks to support tailored and adaptive intervention delivery.

The aims of the study are:

- To quantify how multiple levels of social dynamics interact to predict uptake of multilevel interventions
- To determine how individuals life-course transitions and exposure to DREAMS impacts on retention

#### KIND OF DATA

Educational and nutritional status, general health, sexual behaviour and relationships, DREAMS awareness and uptake, MTV Shuga exposure, Mobility and other risky behaviours and HSV-2 test results

#### UNITS OF ANALYSIS

Unit of analysis is participants

#### TOPICS

Topic	Vocabulary	URI
HIV-1; Incidence; Phylogeny; Epidemics; Population Surveillance; Rural Population; HIV Infections; Africa	Africa Health Research Institute	<a href="http://www.ahri.org">www.ahri.org</a>

#### KEYWORDS

DREAMS, multilevel, young people

### Coverage

#### GEOGRAPHIC COVERAGE

South Africa

#### UNIVERSE

Effectiveness of this multi-level approach to HIV prevention will depend on the reach, uptake and retention of each component by AGYW and their male partners. Our analytic sample will be all male partners (men aged 15-29), residing in the AHRI surveillance area. There are 14,600 age-eligible men; we expect 58% to be resident and participate in the annual surveillance.

## Producers and Sponsors

### PRIMARY INVESTIGATOR(S)

Name	Affiliation
Dr Maryam, Shahmanesh	Africa Health Research Institute

### OTHER PRODUCER(S)

Name	Affiliation	Role
Africa Health Research Institute		

### FUNDING

Name	Abbreviation	Role
South African Medical Research Council	SAMRC	Genotyping funding source

### OTHER ACKNOWLEDGEMENTS

Name	Affiliation	Role
Jaco Dreyer	Africa Health Research Institute	Data management, cleaning and analysis
Nondumiso Mthiyane	Africa Health Research Institute	Data management, cleaning and analysis
Wilkinson Eduan	KwaZulu-Natal Research Innovation Sequencing Platform	Cleaned, aligned and help analyse the sequence data

## Metadata Production

### METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Africa Health Research Institute	AHRI		

### DDI DOCUMENT ID

DDI.AHRI.DREAMS.Multilevel.Baseline

## Sampling

### Sampling Procedure

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Participants were randomly selected from a southern part of AHRI surveillance area, stratified by age, sex and week-block. A target sample size was 2500 males aged 13-35 and 500 females aged 24-29 years.

## Questionnaires

No content available

## Data Collection

### Data Collection Dates

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<b>Start</b>	<b>End</b>	<b>Cycle</b>
2019-09-19	2020-01-29	N/A

## Data Processing

### Data Editing

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HSV-2 specimens were processed at AHRI Durban-based laboratory

## Data Appraisal

No content available





# Documentation

## Technical documents

### DDI:DREAMS Multilevel Baseline

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Title DDI:DREAMS Multilevel Baseline  
Author(s) Sweetness H Dube  
Date 07/10/2020  
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Language English  
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