

South Africa

**Dr. Nondumiso Mthiyane, Africa Health Research Institute
Prof. Amina Abubakar, Aga Khan University**

**AHRI UZIMA Pilot Study: Adolescent
Mental Health Data (25% Random Sample)**

Study Documentation

June 30, 2025

Metadata Production

Metadata Producer(s)	Africa Health Research Institute (AHRI)
Identification	DDI.harmonised.mhdata

Table of Contents

Overview	4
Scope & Coverage	4
Producers & Sponsors	4
Data Collection	5
Accessibility	5
Files Description	6
harmonised_mhdata_witsvida	6
Variables List	7
harmonised_mhdata_witsvida	7
Variables Description	9
harmonised_mhdata_witsvida	10

AHRI UZIMA Pilot Study: Adolescent Mental Health Data (25% Random Sample)

Overview	
Identification	harmonised.mhdata
Version	v2.0.0
<p>Abstract</p> <p>Mental disorders are significant contributors to illness, disability, and mortality, and they pose serious suicide risks. Many common mental disorders, including depression, anxiety, and behavioural issues, typically develop during adolescence and can lead to long-term mental and physical health challenges. Young people in Africa face a dual burden of HIV and mental health problems. This situation is further complicated by insufficient mental health resources, including data, and the need for locally validated, culturally appropriate screening tools to identify mental health issues. The UZIMA-DS Pilot study aims to consolidate various data sources to create a shared resource accessible to mental health researchers throughout Africa.</p> <p>We harmonised data from existing studies conducted by the Africa Health Research Institute (AHRI) that assessed mental health in adolescents and young adults aged 10 to 24. The mental health outcomes examined included depression, probable common mental disorder (CMD), and suicidal ideation. Depression was assessed using a 9-item Patient Health Questionnaire (PHQ-9), while probable CMD was evaluated with a 14-item Shona Symptom Questionnaire (SSQ-14). Suicidal ideation was measured using both the PHQ-9 and SSQ-14. This harmonised dataset was integrated with migration data from AHRI's health and demographic surveillance system (HDSS) and clinic data from AHRI's clinical platform to provide insights into the long-term outcomes of study participants.</p>	
Kind of Data	Survey data
Unit of Analysis	Individuals

Scope & Coverage	
Keywords	mental health, adolescents, youth, mental disorders
Time Period(s)	2012-2022
Countries	South Africa
<p>Universe</p> <p>The harmonised data included adolescents and young adults aged 13-24 who were residents in the AHRI HDSS.</p>	

Producers & Sponsors	
Primary Investigator(s)	Dr. Nondumiso Mthiyane, Africa Health Research Institute Prof. Amina Abubakar, Aga Khan University
Other Producer(s)	Africa Health Research Institute (AHRI)
Funding Agency/ies	National Institutes of Health (NIH) , Funders Aga Khan University UZIMA-DS
Other Acknowledgment(s)	Edwin Mkwanzani , Senior Data manager , Africa Health Research Institute Patrick Mwangala , Mental health expert , Aga Khan University Kathy Baisley , Co-investigator , Africa Health Research Institute Kobus Herbst , Co-investigator , Africa Health Research Institute Maryam Shahmanesh , Co-investigator , Africa Health Research Institute

Data Collection

Data Collection Dates	start 2012-08-06 end 2022-12-08
------------------------------	------------------------------------

Accessibility

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.

Files Description

Dataset contains 1 file(s)

harmonised_mhdata_witsvida	
# Cases	3588
# Variable(s)	43

Variables List

Dataset contains 43 variable(s)

File harmonised_mhdata_witsvida							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	individu..	Participant ID	continuous	numeric-12.0	3588	0	-
2	study_name	Data source project name	discrete	numeric-17.0	3588	0	-
3	round	Data collection Round	discrete	numeric-10.0	3588	0	-
4	time_value	Data Collection Year	discrete	numeric-10.0	3588	0	-
5	visitdate	Data Collection date	discrete	character-11	3588	-	-
6	sex	Participant's sex	discrete	numeric-8.0	3588	0	-
7	dateofbi..	Date Of Birth	discrete	character-11	3588	-	-
8	ageatreg..	Participant's age (years)	discrete	numeric-10.0	3588	0	-
9	urban_or..	Household urbanicity (rural/urban)	discrete	numeric-10.0	3546	42	-
10	migration	Ever migrated	discrete	numeric-18.0	3574	14	-
11	fatherst..	Father Status (Alive or Deceased)	discrete	numeric-15.0	3588	0	-
12	motherst..	Mother Status (Alive or Deceased)	discrete	numeric-15.0	3588	0	-
13	orphanst..	One or both parents died	discrete	numeric-21.0	3588	0	-
14	education	Currently in school	discrete	numeric-13.0	3588	0	-
15	employment	Currently employed	discrete	numeric-20.0	3588	0	-
16	governme..	Receives social grant	discrete	numeric-13.0	3586	2	-
17	everhadsex	Have you ever had sex	discrete	numeric-13.0	3588	0	-
18	hiv_status	HIV test results	discrete	numeric-13.0	3588	0	-
19	violence	Experienced violence	discrete	numeric-8.0	3588	0	-
20	foodsec	Skipped meal in the last 12 mo	discrete	numeric-8.0	3588	0	-
21	everpreg..	Have you ever been pregnant	discrete	numeric-13.0	3373	215	-
22	everdran..	Ever drunk alcohol	discrete	numeric-8.0	3588	0	-
23	depressi..	Calculated depression score	continuous	numeric-10.0	3457	131	-
24	depressi..	Depression Indicators Outcome	discrete	numeric-13.0	3465	123	-
25	anxiety..	Calculated Anxiety Score	discrete	numeric-10.0	3342	246	-
26	anxiety..	Anxiety Outcome	discrete	numeric-13.0	3588	0	-
27	suicidal..	Thoughts of killing yourself (Score)	discrete	numeric-10.0	3459	129	-
28	suicidal..	Thoughts of killing yourself (Outcome)	discrete	numeric-13.0	3588	0	-
29	ssq14_sc..	SSQ14 calculated Score	continuous	numeric-10.0	3138	450	-
30	sp_sti_r..	Trichomonas vaginalis test result	discrete	character-12	139	0	-
31	sp_sti_r..	Neisseria gonorrhoeae	discrete	character-14	139	0	-

File harmonised_mhdata_witsvida							
#	Name	Label	Type	Format	Valid	Invalid	Question
32	sp_sti_r..	Chlamydia trachomatis	discrete	character-14	139	0	-
33	ssq14_ou..	SSQ_14 Outcome	discrete	numeric-13.0	3588	0	-
34	social_s..	Participant has access to social support	discrete	numeric-13.0	3588	0	-
35	depressi..	Depression Score Source	discrete	numeric-8.0	3588	0	-
36	suicidal..	Suicidal Ideation Score Source	discrete	numeric-8.0	3588	0	-
37	sexual_b..	Sexual and pregnancy history	discrete	numeric-13.0	3588	0	-
38	condomle..	Condomless sex in the last 12 Months	discrete	numeric-8.0	3588	0	-
39	hsv_test..	HSV test Result	discrete	numeric-14.0	3139	449	-
40	clinic_d..	Ever visited clinic	discrete	numeric-12.0	3588	0	-
41	sp_sti_ch	Chlamydia trachomatis	discrete	numeric-14.0	139	3449	-
42	sp_sti_ng	Neisseria gonorrhoeae	discrete	numeric-14.0	139	3449	-
43	sp_sti_tv	Trichomonas vaginalis	discrete	numeric-12.0	139	3449	-

Variables Description

Dataset contains 43 variable(s)

File : harmonised_mhdata_witsvida

individualid: Participant ID

Information [Type= continuous] [Format=numeric] [Range= 48-261151] [Missing=*]

Statistics [NW/ W] [Valid=3588 /-] [Invalid=0 /-] [Mean=99672.246 /-] [StdDev=51579.884 /-]

study_name: Data source project name

Information [Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]

Statistics [NW/ W] [Valid=3588 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Dreams	2099	58.5%
2	Isisekelo Sempilo	185	5.2%
3	Multilevel	855	23.8%
4	TasP	215	6.0%
5	Thetha Nami	234	6.5%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

round: Data collection Round

Information [Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*]

Statistics [NW/ W] [Valid=3588 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	baseline	1727	48.1%
2	followup-1	1142	31.8%
3	followup-2	685	19.1%
4	followup-3	21	0.6%
5	followup-4	8	0.2%
6	followup-5	5	0.1%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

time_value: Data Collection Year

Information [Type= discrete] [Format=numeric] [Range= 2012-2022] [Missing=*]

Statistics [NW/ W] [Valid=3588 /-] [Invalid=0 /-]

visitdate: Data Collection date

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=3588 /-]

sex: Participant's sex

Information [Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]

Statistics [NW/ W] [Valid=3588 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Male	1059	29.5%
2	Female	2529	70.5%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

dateofbirth: Date Of Birth

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=3588 /-]

File : harmonised_mhdata_witsvida

ageatregistration: Participant's age (years)

Information [Type= discrete] [Format=numeric] [Range= 13-24] [Missing=*]

Statistics [NW/ W] [Valid=3588 /-] [Invalid=0 /-]

urban_or_rural: Household urbanicity (rural/urban)

Information [Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]

Statistics [NW/ W] [Valid=3546 /-] [Invalid=42 /-]

Value	Label	Cases	Percentage
1	Rural	2557	72.1%
2	Peri-Urban	882	24.9%
3	Urban	107	3.0%
4	Default	0	
Sysmiss		42	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

migration: Ever migrated

Information [Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]

Statistics [NW/ W] [Valid=3574 /-] [Invalid=14 /-]

Value	Label	Cases	Percentage
0	Never	1675	46.9%
1	Within PIPSA	371	10.4%
2	External migration	1528	42.8%
Sysmiss		14	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

fatherstatus: Father Status (Alive or Deceased)

Information [Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]

Statistics [NW/ W] [Valid=3588 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Father Alive	3154	87.9%
2	Father Deceased	434	12.1%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

motherstatus: Mother Status (Alive or Deceased)

Information [Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]

Statistics [NW/ W] [Valid=3588 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Mother Alive	3207	89.4%
2	Mother Deceased	381	10.6%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

orphanstatus: One or both parents died

Information [Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]

Statistics [NW/ W] [Valid=3588 /-] [Invalid=0 /-]

Notes
Source : Surveillance episodes
Items : MotherDead, FatherDead

File : harmonised_mhdata_witsvida

orphanstatus: One or both parents died

Value	Label	Cases	Percentage
1	Both Parents Alive	2825	78.7%
2	One Parent Deceased	711	19.8%
3	Both Parents Deceased	52	1.4%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

education: Currently in school

Information	[Type= discrete] [Format=numeric] [Range= 0-99] [Missing=*]
Statistics [NW/ W]	[Valid=3588 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0	Not inschool	1059	29.5%
1	Inschool	2452	68.3%
99	NoInformation	77	2.1%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

employment: Currently employed

Information	[Type= discrete] [Format=numeric] [Range= 0-99] [Missing=*]
Statistics [NW/ W]	[Valid=3588 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0	Not employed	3275	91.3%
1	Employed (full-time)	58	1.6%
2	Employed (part-time)	29	0.8%
99	NoInformation	226	6.3%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

governmentgrant: Receives social grant

Information	[Type= discrete] [Format=numeric] [Range= 0-99] [Missing=*]
Statistics [NW/ W]	[Valid=3586 /-] [Invalid=2 /-]

Value	Label	Cases	Percentage
0	No	1161	32.4%
1	Yes	935	26.1%
99	NoInformation	1490	41.6%
Sysmiss		2	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

everhadsex: Have you ever had sex

Information	[Type= discrete] [Format=numeric] [Range= 0-99] [Missing=*]
Statistics [NW/ W]	[Valid=3588 /-] [Invalid=0 /-]

Notes	Items : srs_everhadsex, EverHadSex
--------------	------------------------------------

Value	Label	Cases	Percentage
0	No	1836	51.2%
1	Yes	1621	45.2%
93	NotApplicable	0	
98		128	3.6%
99	NoInformation	3	0.1%

File : harmonised_mhdata_witsvida

everhadsex: Have you ever had sex

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

hiv_status: HIV test results

Information	[Type= discrete] [Format=numeric] [Range= 0-98] [Missing=*]		
Statistics [NW/ W]	[Valid=3588 /-] [Invalid=0 /-]		
Notes	Items : dr_hiv_test_result, DBSResult		
Value	Label	Cases	Percentage
0	Negative	1545	43.1%
1	Positive	315	8.8%
98	StatusUnknown	1728	48.2%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

violence: Experienced violence

Information	[Type= discrete] [Format=numeric] [Range= 0-101] [Missing=*]		
Statistics [NW/ W]	[Valid=3588 /-] [Invalid=0 /-]		
Notes	Items : srs_female_violence_0, srs_female_violence_3, srs_female_violence_4, srs_female_violence_5, srs_female_violence_6, srs_female_violence_7, srs_female_violence_8, srs_female_violence_9, srs_female_violence_10 Items : srs_male_violence_0, srs_male_violence_3, srs_male_violence_4, srs_male_violence_5, srs_male_violence_6, srs_male_violence_7, srs_male_violence_8, srs_male_violence_9, srs_male_violence_10, srs_male_violence_11, srs_male_violence_12, srs_male_violence_13, srs_male_violence_14, srs_male_violence_15 Items: srs_emo_violenc01 srs_emo_violenc02 srs_emo_violenc03 srs_emo_violenc04 srs_emo_violenc05 srs_phy_violanc01 srs_phy_violanc02 srs_phy_violanc03 srs_phy_violanc04 srs_phy_violanc05 srs_sex_violanc01 srs_sex_violanc02 srs_sex_violanc03		
Value	Label	Cases	Percentage
0	No	2520	70.2%
1	Yes	1068	29.8%
99	NotApplicable	0	
100	NoInformation	0	
101	StatusUnknown	0	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

foodsec: Skipped meal in the last 12 mo

Information	[Type= discrete] [Format=numeric] [Range= 0-101] [Missing=*]		
Statistics [NW/ W]	[Valid=3588 /-] [Invalid=0 /-]		
Value	Label	Cases	Percentage
0	No	2629	73.3%
1	Yes	959	26.7%
99	NotApplicable	0	
100	NoInformation	0	
101	StatusUnknown	0	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

everpregnant: Have you ever been pregnant

Information	[Type= discrete] [Format=numeric] [Range= 0-98] [Missing=*]		
Statistics [NW/ W]	[Valid=3373 /-] [Invalid=215 /-]		
Notes	Items : sr_everpregnant, EverPregnant		

File : harmonised_mhdata_witsvida

everpregnant: Have you ever been pregnant

Value	Label	Cases	Percentage
0	No	1622	48.1%
1	Yes	701	20.8%
93	NotApplicable	1040	30.8%
98	StatusUnknown	10	0.3%
Sysmiss		215	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

everdrankalcohol: Ever drunk alcohol

Information	[Type= discrete] [Format=numeric] [Range= 0-101] [Missing=*]
Statistics [NW/ W]	[Valid=3588 /-] [Invalid=0 /-]
Notes	Items : hq_everdrink, AlcoholEver,hq_more5drinks_day, AlcoholUseLast6m

Value	Label	Cases	Percentage
0	No	2280	63.5%
1	Yes	1308	36.5%
99	NotApplicable	0	
100	NoInformation	0	
101	StatusUnknown	0	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

depression_score: Calculated depression score

Information	[Type= continuous] [Format=numeric] [Range= 0-27] [Missing=*]
Statistics [NW/ W]	[Valid=3457 /-] [Invalid=131 /-] [Mean=1.737 /-] [StdDev=2.402 /-]
Notes	Items : mv_phq9_ment01, mv_phq9_ment02 mv_phq9_ment03 mv_phq9_ment04 mv_phq9_ment05 mv_phq9_ment06 mv_phq9_ment07 mv_phq9_ment08 mv_phq9_ment09 Items (mv_ment_health02 , mv_ment_health04 , mv_ment_health06 , mv_ment_health10 , mv_ment_health12 , mv_ment_health13) for Dreams and Multilevel

depression_outcome: Depression Indicators Outcome

Information	[Type= discrete] [Format=numeric] [Range= 0-99] [Missing=*]
Statistics [NW/ W]	[Valid=3465 /-] [Invalid=123 /-]

Value	Label	Cases	Percentage
0	No	3161	91.2%
1	Yes	297	8.6%
93	NotApplicable	3	0.1%
99	NoInformation	4	0.1%
Sysmiss		123	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

anxiety_score: Calculated Anxiety Score

Information	[Type= discrete] [Format=numeric] [Range= 0-7] [Missing=*]
Statistics [NW/ W]	[Valid=3342 /-] [Invalid=246 /-]
Notes	Reference fpr SSQ14 Items used for anxiety scores : https://www.nimh.nih.gov/health/topics/anxiety-disorders Items : (mv_ment_health01 , mv_ment_health03 , mv_ment_health05 , mv_ment_health07 , mv_ment_health08 , mv_ment_health09 , mv_ment_health14) for Dreams and Multilevel

anxiety_outcome: Anxiety Outcome

Information	[Type= discrete] [Format=numeric] [Range= 0-101] [Missing=*]
--------------------	--------------------------------------------------------------

File : harmonised_mhdata_witsvida

anxiety_outcome: Anxiety Outcome

Statistics [NW/ W] [Valid=3588 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0	No	2592	72.2%
1	Yes	750	20.9%
99	NotApplicable	240	6.7%
100	NoInformation	6	0.2%
101	StatusUnknown	0	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

suicidal_ideation_score: Thoughts of killing yourself (Score)

Information [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*]

Statistics [NW/ W] [Valid=3459 /-] [Invalid=129 /-]

Notes Item mv_phq9_ment09 was used (Isisekelo-Sempilo, Thetha Nawe)
Item mv_ment_health14 was used (Dreams, Multilevel)

suicidal_ideation_outcome: Thoughts of killing yourself (Outcome)

Information [Type= discrete] [Format=numeric] [Range= 0-99] [Missing=*]

Statistics [NW/ W] [Valid=3588 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0	No	3178	88.6%
1	Yes	281	7.8%
93	NotApplicable	4	0.1%
99	NoInformation	125	3.5%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

ssq14_score: SSQ14 calculated Score

Information [Type= continuous] [Format=numeric] [Range= 0-14] [Missing=*]

Statistics [NW/ W] [Valid=3138 /-] [Invalid=450 /-] [Mean=3.608 /-] [StdDev=3.818 /-]

Notes mv_ment_health01 : In the past 7 days: Did you have times in which you were thinking deeply or thinking about many things
mv_ment_health02 : Did you find yourself sometimes failing to concentrate? mv_ment_health03 :
Did you lose your temper or get annoyed over trivial matters? mv_ment_health04 : Did
you have nightmares or bad dreams? mv_ment_health05 : Did you sometimes see or hear
things which others could not see or hear? mv_ment_health06 : Was your stomach aching?
mv_ment_health07 : Were you frightened by trivial things? mv_ment_health08 : Did you
sometimes fail to sleep or lose sleep? mv_ment_health09 : Were there moments when you felt life
was so tough that you cried or wanted to cry mv_ment_health10 : Did you feel run down (tired)?
mv_ment_health11 : Did you at times feel like committing suicide? mv_ment_health12 : Were you
generally unhappy with things you were doing each day? mv_ment_health13 : Was your work/
school lagging behind? mv_ment_health14 : Did you feel you had problems in deciding what to do?

sp_sti_result_tv: Trichomonas vaginalis test result

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=139 /-] [Invalid=0 /-]

sp_sti_result_ng: Neisseria gonorrhoeae

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=139 /-] [Invalid=0 /-]

sp_sti_result_ct: Chlamydia trachomatis

Information [Type= discrete] [Format=character] [Missing=*]

File : harmonised_mhdata_witsvida

sp_sti_result_ct: Chlamydia trachomatis

Statistics [NW/ W] [Valid=139 /-] [Invalid=0 /-]

ssq14_outcome: SSQ_14 Outcome

Information [Type= discrete] [Format=numeric] [Range= 0-93] [Missing=*]

Statistics [NW/ W] [Valid=3588 /-] [Invalid=0 /-]

Notes Source : DREAMS, Multilevel, Isisekelo Sempilo
Description: Derived from SSQ14_score. SSQ14_score >=9, Values: 0 = No, 1 = Yes, 99 = Not Applicable.

Value	Label	Cases	Percentage
0	No	2695	75.1%
1	Yes	443	12.3%
93	NotApplicable	450	12.5%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

social_support: Participant has access to social support

Information [Type= discrete] [Format=numeric] [Range= 0-93] [Missing=*]

Statistics [NW/ W] [Valid=3588 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0	No	259	7.2%
1	Yes	3328	92.8%
93	NotApplicable	1	0.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

depression_score_source: Depression Score Source

Information [Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]

Statistics [NW/ W] [Valid=3588 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	PHQ-9	634	17.7%
2	SSQ-14	2954	82.3%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

suicidal_ideation_score_source: Suicidal Ideation Score Source

Information [Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]

Statistics [NW/ W] [Valid=3588 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	PHQ-9	634	17.7%
2	SSQ-14	2954	82.3%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

sexual_behavior: Sexual and pregnancy history

Information [Type= discrete] [Format=numeric] [Range= 0-98] [Missing=*]

Statistics [NW/ W] [Valid=3588 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0	NeverHadSex	1831	51.0%
1	EverHadSex	865	24.1%
2	EverPregnant	776	21.6%
98	StatusUnknown	116	3.2%

File : harmonised_mhdata_witsvida

sexual_behavior: Sexual and pregnancy history

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

condomlessex: Condomless sex in the last 12 Months

Information [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*]

Statistics [NW/ W] [Valid=3588 /-] [Invalid=0 /-]

Notes Source : DREAMS, Multilevel, Isisekelo Sempilo, Theta Nami
Items : srs_condomless_1month, srs_condomless12months

Value	Label	Cases	Percentage
0	No	2810	78.3%
1	Yes	778	21.7%
9	NoInformation	0	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

hsv_test_result: HSV test Result

Information [Type= discrete] [Format=numeric] [Range= 0-99] [Missing=*]

Statistics [NW/ W] [Valid=3139 /-] [Invalid=449 /-]

Value	Label	Cases	Percentage
0	Negative	1856	59.1%
1	Positive	847	27.0%
93	NotApplicable	185	5.9%
99	NoInformation	251	8.0%
Sysmiss		449	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

clinic_data: Ever visited clinic

Information [Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]

Statistics [NW/ W] [Valid=3588 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0	No	3156	88.0%
1	Yes	432	12.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

sp_sti_ch: Chlamydia trachomatis

Information [Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]

Statistics [NW/ W] [Valid=139 /-] [Invalid=3449 /-]

Value	Label	Cases	Percentage
0	NOT DETECTED	114	82.0%
1	DETECTED	25	18.0%
2	INVALID RESULT	0	
Sysmiss		3449	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

sp_sti_ng: Neisseria gonorrhoeae

Information [Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]

Statistics [NW/ W] [Valid=139 /-] [Invalid=3449 /-]

File : harmonised_mhdata_witsvida

sp_sti_ng: Neisseria gonorrhoeae

Value	Label	Cases	Percentage
0	NOT DETECTED	130	93.5%
1	DETECTED	9	6.5%
2	INVALID RESULT	0	
Sysmiss		3449	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

sp_sti_tv: Trichomonas vaginalis

Information [Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]

Statistics [NW/ W] [Valid=139 +/-] [Invalid=3449 +/-]

Value	Label	Cases	Percentage
0	NOT DETECTED	134	96.4%
1	DETECTED	5	3.6%
Sysmiss		3449	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.