

# South Africa - AHRI HDSS:Individual Health Surveillance HIV 2013

**Sweetness H Dube**

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## Identification

### SURVEY ID NUMBER

AHRI.RD05-10.HDSS.HIV.2013

### TITLE

AHRI HDSS:Individual Health Surveillance HIV 2013

### COUNTRY

Name	Country code
South Africa	ZA

### ABSTRACT

The Africa Centre Demographic Information System (ACDIS) was established in 2000 by the Africa Health Research Institute (AHRI; formerly the Africa Centre for Health and Population Studies) covering a population of approximately 85,0000 residents and non-residents from an area 438km<sup>2</sup> in size in uMkhanyakude district, KwaZulu-Natal province, South Africa.

The 2013, the "Eligibility List" for the 2013 Round of the HIV Surveillance used 15 December 2013 as its reference date. The criteria for inclusion were all males and females aged 15 and over.

Note that as in 2012, but unlike in earlier years, no non-residents are included.

The total number eligible is 37,208, so this is the number of rows in the dataset.

The field visits occur from January 2013 to Dec 2013. At the time of visit some people included in the Eligibility List were found to in fact be ineligible - perhaps because they were dead, very sick, or had outmigrated - events either not known about at the time the Eligibility List was compiled or occurring between the drawing up of the Eligibility List and the actual visit. These 'retrospective ineligibilities' are identifiable in the dataset as 'Premature Completions' with reasons such as "Death or "Outmigration". There were also some individuals who could not be contacted, even after repeated visits and 'tracking' attempts for those who were reported to have moved. These are identifiable as `PrematureCompletionReason = Non-Contact`. Additionally, some people were contacted but refused to participate in the survey. They are identifiable by `VisitType = Refusal`. Finally, there are some who participated in the survey, but refused the HIV test offered. They are identifiable as `HIVRefused = 'Y'`.

2013 saw a redesign of the Individual Surveillance forms. No questions were added or removed, but the BMF form was renamed as IHO - Individual Health Observation (image below). The Informed Consent questions, formerly on the CFZ form, were incorporated into the IHO form, and some of the questions previously on the BMF form were moved to the MGH/WGH forms. Finally, Visit details and Premature Completion / refusal information is now collected just once on the IHO, not separately on both BMF and WGH/MGH.

This dataset includes only those included in the Eligibility List.

Criteria for inclusion into the Eligibility List was changed in 2012 to include only the residents and the age limit was removed for both males and females. Therefore, all resident males and females aged 15 years and above were eligible for the HIV surveillance.

Individuals were free to refuse to participate in and to withdraw from the individual surveys, without any impact on routine health care or other services to which they were entitled. If a household refused to participate in the household component, its members were not invited to participate in the individual component during that same household visit.

Note: Users of these datasets are strongly encouraged to refer to the questionnaires included in the documentation for the annual datasets to check carefully for any changes in question wording, ordering, options offered etc. This document does not attempt to describe every single change and variation.

For more refer:

1. Tanser F, Hosegood V, Barnighausen T, Herbst K, Nyirenda M, Muhwava W, Newell C, Viljoen J, Mutevedzi T, Newell ML. Cohort Profile: Africa Centre Demographic Information System (ACDIS) and population-based HIV survey. *Int J Epidemiol*. 2008 Oct;37(5):956-62. doi: 10.1093/ije/dym211. Epub 2007 Nov 12. PMID: 17998242; PMCID: PMC2557060.

### KIND OF DATA

## Surveillance data

## UNIT OF ANALYSIS

AHRI HDSS Individual surveillance eligible individuals

## Version

## VERSION DESCRIPTION

v1.0.0

## Scope

## TOPICS

Topic	Vocabulary	URI
HIV, Population, Surveillance, HIV Incidence, HIV prevalence, Epidemiology, Africa, Demography, information systems, South Africa, KwaZulu-Natal, Medical, Population Intervention	Africa Health Research Institute	www.ahri.org

## KEYWORDS

Keyword	Vocabulary	URI
South Africa, Surveillance, Epidemiology, HIV, Population Cohort	Africa Health Research Institute	www.ahri.org

## Coverage

## GEOGRAPHIC COVERAGE

AHRI's Demographic Surveillance Area (DSA) is situated in Mtubatuba local authority, uMkhanyakude district, KwaZulu-Natal province which is approximately 200km north of Durban.

For more refer:

1. Dickman Gareta, Kathy Baisley, Thobeka Mngomezulu, Theresa Smit, Thandeka Khoza, Siyabonga Nxumalo, Jaco Dreyer, Sweetness Dube, Nomathamsanqa Majozi, Gregory Ording-Jespersion, Eugene Ehlers, Guy Harling, Maryam Shahmanesh, Mark Siedner, Willem Hanekom, Kobus Herbst, Cohort Profile Update: Africa Centre Demographic Information System (ACDIS) and population-based HIV survey, International Journal of Epidemiology, Volume 50, Issue 1, February 2021, Pages 33-34, <<https://doi.org/10.1093/ije/dyaa264>>
2. Tanser F, Hosegood V, Barnighausen T, Herbst K, Nyirenda M, Muhwava W, Newell C, Viljoen J, Mutevedzi T, Newell ML. Cohort Profile: Africa Centre Demographic Information System (ACDIS) and population-based HIV survey. Int J Epidemiol. 2008 Oct;37(5):956-62. doi: 10.1093/ije/dym211. Epub 2007 Nov 12. PMID: 17998242; PMCID: PMC2557060.
3. Iwuji CC, Orne-Gliemann J, Larmarange J, Balestre E, Thiebaut R, Tanser F, Okesola N, Makowa T, Dreyer J, Herbst K, McGrath N, Barnighausen T, Boyer S, De Oliveira T, Rekacewicz C, Bazin B, Newell ML, Pillay D, Dabis F; ANRS 12249 TasP Study Group. Universal test and treat and the HIV epidemic in rural South Africa: a phase 4, open-label, community cluster randomised trial. Lancet HIV. 2018 Mar;5(3):e116-e125. doi: 10.1016/S2352-3018(17)30205-9. Epub 2017 Nov 30. PMID: 29199100.

## UNIVERSE

All resident household members from AHRI's DSA who met eligibility criteria and gave informed consent for their surveillance participation.

## Producers and sponsors

## PRIMARY INVESTIGATORS

Name	Affiliation
Dr Abraham Jacobus Herbst	Africa Health Research Institute
Prof. Willem Hanekom	Africa Health Research Institute
Prof. Janet Seeley	Africa Health Research Institute
Prof. Maryam Shahmanesh	Africa Health Research Institute
Dr. Guy Harling	Africa Health Research Institute
Dr. Mark Siedner	Africa Health Research Institute

## PRODUCERS

Name
Africa Health Research Institute

## FUNDING AGENCY/SPONSOR

Name	Abbreviation	Role
Welcome Trust	WT	Funder
DSI-MRC South African Population Research Infrastructure Network	SAPRIN	Funder

## OTHER IDENTIFICATIONS/ACKNOWLEDGMENTS

Name	Affiliation	Role
Thobeka Mngomezulu	AHRI	Data collection
Phumzile Dlamini	AHRI	Data collection
Lindiwe Sithole	AHRI	Data collection
Bonginkosi Ntimane	AHRI	Data quality
Njabulo Myeni	AHRI	Data quality
Eugene Ehlers	AHRI	Software Development
Eugene Prenzler	AHRI	Data Analytics
Brendan Gilbert	AHRI	IT infrastructure
Sweetness Dube	AHRI	Data documentation
Siyabonga Nxumalo	AHRI	Research Data management
Dickman Gareta	AHRI	Research Data management

## Sampling

## SAMPLING PROCEDURE

All individuals meeting the eligibility criteria described in the abstract

## Data Collection

## DATES OF DATA COLLECTION

Start	End
2013-01-06	2013-12-03

## Data Processing

### DATA EDITING

Surveillance data is processed and stored on servers under the physical control of AHRI until datasets are made available on the data repository. The data is de-identified and can then be downloaded for processing on the data user's computer.

Data is stored on industry-standard relational databases with data integrity and user authentication for access control. Data is replicated on at least a daily basis to the Durban site of the Institution to provide secure offsite storage of data. Transactional logs are backed up every 30 minutes to enable recovery of data in the event of equipment failure.

All users of the system are authenticated through individual passwords with minimum complexity and regular change rules (passwords must be at least eight digits, with a mix of small and capital letters, at least one numeric or non-alphabetic digit and changed at least every 45 days). AHRI uses industry standard malware and intrusion detection with at least annual penetration tests by a reputable outside security audit company.

Both at the Institute and for the clinic-based data collection, a client-server architecture is implemented where data is not stored on laptops or local workstation, but only on a central server with restricted physical access. Specifically, at the clinics the local server is enclosed in a tamper-proof enclosure kept under lock and key. The server hard disk is encrypted.

## 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., Seeley, J., Shahmanesh, M., Harling, G., & Siedner, M. (2023). AHRI HDSS:Individual Health Surveillance HIV 2013 [Data set]. Africa Health Research Institute.  
DOI:<https://doi.org/10.23664/AHRI.RD05-10.HDSS.HIV.2013>

## Metadata production

### DDI DOCUMENT ID

DDI.AHRI.RD05-10.HDSS.HIV.2013

### PRODUCERS

Name	Abbreviation
Africa Health Research Institute	AHRI

**Data Dictionary**

<b>Data file</b>	<b>Cases</b>	<b>Variables</b>
<b>RD05-10 ACDIS HIV 2013</b>	37207	63



**Data file: RD05-10 ACDIS HIV 2013**

Cases: 37207

Variables: 63

**Variables**

ID	Name	Label	Question
V280	QuestionnaireId	Questionnaire Id	
V281	DocumentStatus	Document Status	
V282	BMFStatusObservation	BMFStatusObservation Id	
V283	PrematureCompletionReason	Premature Completion Reason	
V284	IIIntId	Unique Internal Id of Individual	
V285	Sex	Sex	
V286	DateOfBirth	Date of birth	
V287	Resident	Residency status	
V288	BSIntId	Unique Internal Id of BoundedStructures	
V289	VisitDate	Visit Date	
V290	VisitType	Visit Type	
V291	FormRefused	FormRefused	
V292	FormRefusedBy	Form Refused By	
V293	HIVRefused	HIV Refused	
V294	HIVRefusedBy	HIV Refused By	
V295	ConsentHIVTest	HIV Test Consent	
V296	ConsentSpecimenStored	Specimen Stored Consent	
V297	ConsentFutureTesting	Future Testing Consent	
V298	ConsentRecontactForQC	Recontact for QC Consent	
V299	ConsentRecontactInFuture	Recontact in Future Consent	
V300	HIVSampleAvailable	HIV Sample Available	
V301	HIVSampleID	HIV Sample Id	
V302	HIVResult	HIV Result	
V303	PreferredPlaceToTest	Preferred Place ToTest	
V304	KnowsHIVStatus	Knows HIV Status	
V305	WhenLastTested	When Last Tested	
V306	WhereLastTested	Where Last Tested	
V307	HeardAboutART	Heard About ART	
V308	BelievesARTImprovesHealth	Believes ART Improves Health	
V309	KnowsWhereToObtainART	Knows Where To ObtainART	
V310	FwkAttempt1FieldWorker	First Attempt FieldWorker	
V311	FwkAttempt1Date	First Attempt Date	
V312	FwkAttempt2FieldWorker	Second Attempt FieldWorker	
V313	FwkAttempt2Date	Second Attempt Date	
V314	FwkAttempt3FieldWorker	Third Attempt FieldWorker	
V315	FwkAttempt3Date	Third Attempt Date	
V316	FwkAttempt4FieldWorker	Fourth Attempt FieldWorker	
V317	FwkAttempt4Date	Fourth Attempt Date	



ID	Name	Label	Question
V318	TrkAttempt1FieldWorker	First Attempt Tracker	
V319	TrkAttempt1Date	Tracker First Attempt Date	
V320	TrkAttempt2FieldWorker	Second Attempt Tracker	
V321	TrkAttempt2Date	Tracker Second Attempt Date	
V322	TrkAttempt3FieldWorker	Third Attempt Tracker	
V323	TrkAttempt3Date	Tracker Third Attempt Date	
V324	TrkAttempt4FieldWorker	Fourth Attempt Tracker	
V325	TrkAttempt4Date	Tracker Fourth Attempt Date	
V326	HIVFieldWorker	HIV FieldWorker	
V327	WeekBlock	Week Block	
V328	Isigodi	Isigodi	
V329	LocalArea	LocalArea	
V330	icRapidHIVTest	Rapid HIV Test Consent	
V331	icConventionalHIVTest	Conventional HIV Test Consent	
V332	icHomeDelivery	Home Delivery Consent	
V333	icStored	Storage Consent	
V334	icTesting	Testing Consent	
V335	icRecontactSample	Recontact Sample Consent	
V336	icHealth	General Health Consent	
V337	icSexualBehaviour	Sexual Behaviour Consent	
V338	icRecontactQA	Recontact for QA Consent	
V339	icRecontactOtherInfo	Recontact Other Info Consent	
V340	icLivingArrangements	Living Arrangements Consent	
V341	icBiomeasures	Biomeasures	
V342	icFieldworker	Fieldworker inform consent	

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Total: 63



**QUESTIONNAIREID: Questionnaire Id****Data file: RD05-10 ACDIS HIV 2013****Overview**

Valid: 37207    Invalid: 0    Minimum: 50131812    Maximum: 50169024    Mean: 50150420.111    Standard deviation: 10741.495  
 Type: Continuous    Decimal: 0    Width: 12    Range: 50131812 - 50169024    Format: Numeric

**DOCUMENTSTATUS: Document Status****Data file: RD05-10 ACDIS HIV 2013****Overview**

Valid: 37207    Invalid: 0  
 Type: Discrete    Width: 100    Range: -    Format: character

**BMFSTATUSOBSERVATION: BMFStatusObservation Id****Data file: RD05-10 ACDIS HIV 2013****Overview**

Valid: 25587    Invalid: 11620    Minimum: 339614    Maximum: 372564    Mean: 352597.766    Standard deviation: 7488.208  
 Type: Continuous    Decimal: 0    Width: 12    Range: 339614 - 372564    Format: Numeric

**PREMATURECOMPLETIONREASON: Premature Completion Reason****Data file: RD05-10 ACDIS HIV 2013****Overview**

Valid: 11615    Invalid: 25592  
 Type: Discrete    Decimal: 0    Width: 12    Range: 1 - 97    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Stay in currently Avoided BS/HH	0	0%
2	Temporarily away for more than 2 months	800	6.9%
3	Non-Functional BS	12	0.1%
4	Reported Dead	375	3.2%
5	Household dissolution	0	0%
6	HH Migrated External	0	0%
7	Household Migrations	0	0%
8	HH Migrated Internal	0	0%

9	OutMigrated	3856	33.2%
10	Mentally Disabled	261	2.2%
11	Migrated unknown destination	720	6.2%
12	Non-Contact After Tracking	1140	9.8%
13	No HSE Informant	0	0%
14	Refused Bundles	0	0%
15	Refused HSE	0	0%
16	Refused Tracking	0	0%
17	Very Sick	463	4%
96	Other Reason	3988	34.3%
97	Not applicable	0	0%
Sysmiss		25592	

## IINTID: Unique Internal Id of Individual

Data file: RD05-10 ACDIS HIV 2013

### Overview

Valid: 37207 Invalid: 0 Minimum: 16 Maximum: 264757 Mean: 67044.441 Standard deviation: 45493.123  
 Type: Continuous Decimal: 0 Width: 12 Range: 16 - 264757 Format: Numeric

## SEX: Sex

Data file: RD05-10 ACDIS HIV 2013

### Overview

Valid: 37207 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 9 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Male	15708	42.2%
2	Female	21499	57.8%
9	Unknown	0	0%

## DATEOFBIRTH: Date of birth

Data file: RD05-10 ACDIS HIV 2013

**Overview**

Valid: 37207 Minimum: 1894-10-10 Maximum: 2010-03-09  
 Type: Discrete Width: 11 Range: - Format: character

**RESIDENT: Residency status**

Data file: RD05-10 ACDIS HIV 2013

**Overview**

Valid: 37207 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Yes	37207	100%
2	No	0	0%
90	SpecialQuery	0	0%
92	Deprecated	0	0%
93	Refused	0	0%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	0	0%
98	Don't know	0	0%
99	Missing	0	0%

**BSINTID: Unique Internal Id of BoundedStructures**

Data file: RD05-10 ACDIS HIV 2013

**Overview**

Valid: 37207 Invalid: 0 Minimum: 11 Maximum: 17465 Mean: 7852.786 Standard deviation: 4918.529  
 Type: Continuous Decimal: 0 Width: 12 Range: 11 - 17465 Format: Numeric

**VISITDATE: Visit Date**

Data file: RD05-10 ACDIS HIV 2013

**Overview**

Valid: 37207 Minimum: 2013-01-06 Maximum: 2013-12-03  
 Type: Discrete Width: 11 Range: - Format: character

**VISITTYPE: Visit Type****Data file: RD05-10 ACDIS HIV 2013****Overview**

Valid: 37206    Invalid: 1  
 Type: Discrete    Decimal: 0    Width: 12    Range: 1 - 99    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Avoided Visit	94	0.3%
2	Unsuccessful Visit	390	1%
3	Regular Visit	25167	67.6%
4	Special Task Visit	1	0%
5	Problem Solving	343	0.9%
6	Quality Control	0	0%
7	Spot Check	2	0%
8	Tracking	11171	30%
9	Verbal Autopsy	0	0%
10	Mapping Visit	1	0%
11	COUNSELLING VISIT	1	0%
12	Illness And Death	0	0%
13	Bounded Structure Verification	1	0%
30	Community Liaison Office Visit	0	0%
92	Deprecated	1	0%
93	Refused Visit	31	0.1%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	0	0%
99	Missing	3	0%
Sysmiss		1	

**FORMREFUSED: FormRefused****Data file: RD05-10 ACDIS HIV 2013****Overview**

Valid: 25587    Invalid: 11620

Type: Discrete    Decimal: 0    Width: 12    Range: 1 - 99    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Yes	10318	40.3%
2	No	15269	59.7%
90	SpecialQuery	0	0%
92	Deprecated	0	0%
93	Refused	0	0%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	0	0%
98	Don't know	0	0%
99	Missing	0	0%
Sysmiss		11620	

**FORMREFUSED BY: Form Refused By**

Data file: RD05-10 ACDIS HIV 2013

**Overview**

Valid: 25587    Invalid: 11620

Type: Discrete    Decimal: 0    Width: 12    Range: 1 - 99    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Self	9569	37.4%
2	Partner	177	0.7%
3	HH head	293	1.1%
4	BS owner	32	0.1%
5	Other	247	1%
97	Not applicable	15269	59.7%
99	Missing	0	0%
Sysmiss		11620	

**HIVREFUSED: HIV Refused****Data file: RD05-10 ACDIS HIV 2013****Overview**

Valid: 25587 Invalid: 11620

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Yes	5358	20.9%
2	No	9911	38.7%
90	SpecialQuery	0	0%
92	Deprecated	0	0%
93	Refused	0	0%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	10318	40.3%
98	Don't know	0	0%
99	Missing	0	0%
Sysmiss		11620	

**HIVREFUSEDDBY: HIV Refused By****Data file: RD05-10 ACDIS HIV 2013****Overview**

Valid: 25587 Invalid: 11620

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Self	5305	20.7%
2	Partner	12	0%
3	HH head	7	0%
4	BS owner	0	0%
5	Other	4	0%
97	Not applicable	20259	79.2%



99	Missing	0	0%
Sysmiss		11620	

## CONSENTHIVTEST: HIV Test Consent

Data file: RD05-10 ACDIS HIV 2013

### Overview

Valid: 15268 Invalid: 21939

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Consented	9925	65%
2	Did not consent	5342	35%
99	Missing	1	0%
Sysmiss		21939	

## CONSENTSPECIMENSTORED: Specimen Stored Consent

Data file: RD05-10 ACDIS HIV 2013

### Overview

Valid: 15268 Invalid: 21939

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Consented	9913	64.9%
2	Did not consent	5351	35%
99	Missing	4	0%
Sysmiss		21939	

## CONSENTFUTURETESTING: Future Testing Consent

Data file: RD05-10 ACDIS HIV 2013

### Overview

Valid: 15268 Invalid: 0

Type: Discrete    Width: 1    Range: -    Format: character

## CONSENTRECONTACTFORQC: Recontact for QC Consent

Data file: RD05-10 ACDIS HIV 2013

### Overview

Valid: 15268    Invalid: 21939

Type: Discrete    Decimal: 0    Width: 12    Range: 1 - 99    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Consented	3926	25.7%
2	Did not consent	11322	74.2%
99	Missing	20	0.1%
Sysmiss		21939	

## CONSENTRECONTACTINFUTURE: Recontact in Future Consent

Data file: RD05-10 ACDIS HIV 2013

### Overview

Valid: 15268    Invalid: 21939

Type: Discrete    Decimal: 0    Width: 12    Range: 1 - 99    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Consented	9001	59%
2	Did not consent	6220	40.7%
99	Missing	47	0.3%
Sysmiss		21939	

## HIVSAMPLEAVAILABLE: HIV Sample Available

Data file: RD05-10 ACDIS HIV 2013

### Overview

Valid: 25587    Invalid: 11620

Type: Discrete    Decimal: 0    Width: 12    Range: 1 - 2    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Yes	9911	38.7%
2	No,but there is a BMFStatusObs	15676	61.3%
Sysmiss		11620	

### HIVSAMPLEID: HIV Sample Id

Data file: RD05-10 ACDIS HIV 2013

#### Overview

Valid: 9911 Invalid: 0  
 Type: Discrete Width: 100 Range: - Format: character

### HIVRESULT: HIV Result

Data file: RD05-10 ACDIS HIV 2013

#### Overview

Valid: 25587 Invalid: 11620  
 Type: Discrete Decimal: 0 Width: 12 Range: 0 - 99 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0	Negative	7275	28.4%
1	Positive	2602	10.2%
2	Indeterminate	0	0%
3	Insufficient sample volume	10	0%
4	Spurious (probably not this person)	21	0.1%
5	Spurious negative(HIV reverse seroconversion)	1	0%
6	Spurious positive(HIV reverse seroconversion)	2	0%
97	Not applicable	15676	61.3%
99	Missing (Sample lost)	0	0%
Sysmiss		11620	

### PREFERREDPLACETOTEST: Preferred Place ToTest

Data file: RD05-10 ACDIS HIV 2013

**Overview**

Valid: 15268 Invalid: 21939

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	At Counselling Centre	35	0.2%
2	At Clinic	13084	85.7%
3	Deprecated (i.e. Pre-2009)	0	0%
4	Don't know	52	0.3%
5	At home	1010	6.6%
6	At Hospital	151	1%
7	At Mobile Testing Unit	56	0.4%
8	At Private Doctor	436	2.9%
93	Refused	36	0.2%
96	Other	24	0.2%
99	Missing	384	2.5%
Sysmiss		21939	

**KNOWSHIVSTATUS: Knows HIV Status**

Data file: RD05-10 ACDIS HIV 2013

**Overview**

Valid: 15268 Invalid: 21939

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Yes	8771	57.4%
2	No	6088	39.9%
90	SpecialQuery	0	0%
92	Deprecated	0	0%
93	Refused	59	0.4%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%

97	Not Applicable	335	2.2%
98	Don't know	0	0%
99	Missing	15	0.1%
Sysmiss		21939	

## WHENLASTTESTED: When Last Tested

Data file: RD05-10 ACDIS HIV 2013

### Overview

Valid: 15268 Invalid: 21939

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	6 months to 1 year ago	3180	20.8%
2	In last 6 months	3913	25.6%
3	More than a year ago	1607	10.5%
93	Refused	57	0.4%
97	Not Applicable (i.e. pre-2010)	6081	39.8%
99	Missing	430	2.8%
Sysmiss		21939	

## WERELASTTESTED: Where Last Tested

Data file: RD05-10 ACDIS HIV 2013

### Overview

Valid: 15268 Invalid: 21939

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	At Counselling Centre	145	0.9%
2	At Clinic	6840	44.8%
3	At home	345	2.3%
4	At hospital	346	2.3%
5	At Mobile Testing Unit	254	1.7%

6	Not applicable (pre-2010)	6096	39.9%
7	At Private Doctor	592	3.9%
8	At Ubumbano Lwentsha game	0	0%
93	Refused	19	0.1%
96	Other	227	1.5%
98	Don't know	10	0.1%
99	Missing	394	2.6%
Sysmiss		21939	

## HEARDABOUTART: Heard About ART

Data file: RD05-10 ACDIS HIV 2013

### Overview

Valid: 15268 Invalid: 21939

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Yes	12873	84.3%
2	No	1269	8.3%
90	SpecialQuery	0	0%
92	Deprecated	0	0%
93	Refused	101	0.7%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	1025	6.7%
98	Don't know	0	0%
99	Missing	0	0%
Sysmiss		21939	

## BELIEVESARTIMPROVESHEALTH: Believes ART Improves Health

Data file: RD05-10 ACDIS HIV 2013

### Overview

Valid: 15268 Invalid: 21939

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Yes	12198	79.9%
2	No	65	0.4%
90	SpecialQuery	0	0%
92	Deprecated	0	0%
93	Refused	30	0.2%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	2050	13.4%
98	Don't know	553	3.6%
99	Missing	372	2.4%
Sysmiss		21939	

## KNOWSWHERETOBTAINART: Knows Where To ObtainART

Data file: RD05-10 ACDIS HIV 2013

### Overview

Valid: 15268 Invalid: 21939

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Yes	12062	79%
2	No	760	5%
90	SpecialQuery	0	0%
92	Deprecated	0	0%
93	Refused	50	0.3%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	2390	15.7%
98	Don't know	0	0%
99	Missing	6	0%

Sysmiss

21939

**FWKATTEMPT1FIELDWORKER: First Attempt FieldWorker****Data file: RD05-10 ACDIS HIV 2013****Overview**

Valid: 14220    Invalid: 0  
 Type: Discrete    Width: 3    Range: -    Format: character

**FWKATTEMPT1DATE: First Attempt Date****Data file: RD05-10 ACDIS HIV 2013****Overview**

Valid: 14220    Minimum: 2011-09-11    Maximum: 2013-11-30  
 Type: Discrete    Width: 11    Range: -    Format: character

**FWKATTEMPT2FIELDWORKER: Second Attempt FieldWorker****Data file: RD05-10 ACDIS HIV 2013****Overview**

Valid: 5243    Invalid: 0  
 Type: Discrete    Width: 3    Range: -    Format: character

**FWKATTEMPT2DATE: Second Attempt Date****Data file: RD05-10 ACDIS HIV 2013****Overview**

Valid: 5243    Minimum: 2012-06-14    Maximum: 2013-11-30  
 Type: Discrete    Width: 11    Range: -    Format: character

**FWKATTEMPT3FIELDWORKER: Third Attempt FieldWorker****Data file: RD05-10 ACDIS HIV 2013****Overview**

Valid: 3672    Invalid: 0  
 Type: Discrete    Width: 3    Range: -    Format: character

**FWKATTEMPT3DATE: Third Attempt Date****Data file: RD05-10 ACDIS HIV 2013**



**Overview**

Valid: 3672    Minimum: 2012-02-12    Maximum: 2013-11-30  
 Type: Discrete    Width: 11    Range: -    Format: character

---

**FWKATTEMPT4FIELDWORKER: Fourth Attempt FieldWorker**

**Data file: RD05-10 ACDIS HIV 2013**

**Overview**

Valid: 1184    Invalid: 0  
 Type: Discrete    Width: 3    Range: -    Format: character

---

**FWKATTEMPT4DATE: Fourth Attempt Date**

**Data file: RD05-10 ACDIS HIV 2013**

**Overview**

Valid: 1184    Minimum: 2012-02-23    Maximum: 2013-11-30  
 Type: Discrete    Width: 11    Range: -    Format: character

---

**TRKATTEMPT1FIELDWORKER: First Attempt Tracker**

**Data file: RD05-10 ACDIS HIV 2013**

**Overview**

Valid: 1222    Invalid: 0  
 Type: Discrete    Width: 3    Range: -    Format: character

---

**TRKATTEMPT1DATE: Tracker First Attempt Date**

**Data file: RD05-10 ACDIS HIV 2013**

**Overview**

Valid: 1222    Minimum: 2012-04-24    Maximum: 2013-11-21  
 Type: Discrete    Width: 11    Range: -    Format: character

---

**TRKATTEMPT2FIELDWORKER: Second Attempt Tracker**

**Data file: RD05-10 ACDIS HIV 2013**

**Overview**

Valid: 1088    Invalid: 0  
 Type: Discrete    Width: 3    Range: -    Format: character

---

**TRKATTEMPT2DATE: Tracker Second Attempt Date****Data file: RD05-10 ACDIS HIV 2013****Overview**

Valid: 1088    Minimum: 2013-01-22    Maximum: 2013-11-22  
 Type: Discrete    Width: 11    Range: -    Format: character

---

**TRKATTEMPT3FIELDWORKER: Third Attempt Tracker****Data file: RD05-10 ACDIS HIV 2013****Overview**

Valid: 1051    Invalid: 0  
 Type: Discrete    Width: 3    Range: -    Format: character

---

**TRKATTEMPT3DATE: Tracker Third Attempt Date****Data file: RD05-10 ACDIS HIV 2013****Overview**

Valid: 1051    Minimum: 2012-03-17    Maximum: 2013-11-29  
 Type: Discrete    Width: 11    Range: -    Format: character

---

**TRKATTEMPT4FIELDWORKER: Fourth Attempt Tracker****Data file: RD05-10 ACDIS HIV 2013****Overview**

Valid: 730    Invalid: 0  
 Type: Discrete    Width: 3    Range: -    Format: character

---

**TRKATTEMPT4DATE: Tracker Fourth Attempt Date****Data file: RD05-10 ACDIS HIV 2013****Overview**

Valid: 730    Minimum: 2013-02-04    Maximum: 2013-12-01  
 Type: Discrete    Width: 11    Range: -    Format: character

---

**HIVFIELDWORKER: HIV FieldWorker****Data file: RD05-10 ACDIS HIV 2013****Overview**

Valid: 15265    Invalid: 0  
 Type: Discrete    Width: 3    Range: -    Format: character

**WEEKBLOCK: Week Block****Data file: RD05-10 ACDIS HIV 2013****Overview**

Valid: 37207    Invalid: 0  
 Type: Discrete    Width: 5    Range: -    Format: character

**ISIGODI: Isigodi****Data file: RD05-10 ACDIS HIV 2013****Overview**

Valid: 37207    Invalid: 0  
 Type: Discrete    Decimal: 0    Width: 12    Range: 1 - 999    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Banzaneni	0	0%
2	Deprecated	0	0%
3	Dukumbane	0	0%
4	Dukuduku	0	0%
5	Ebaswazini	2161	5.8%
6	Egula (Hlabisa)	0	0%
7	Egula (Mdletshe)	0	0%
8	Ekuphisweni	0	0%
9	Empembeni	0	0%
10	Esiyembeni	755	2%
11	Gunjaneni	1038	2.8%
12	Hlabisa Mission	0	0%
13	Hlambanyathi	0	0%
14	Inhlawathi	0	0%
15	Khalokazi	0	0%
16	KwaMsane (Isigodi)	5805	15.6%
17	KwaMsane (Township)	1768	4.8%
18	KwaMseme	0	0%
19	Kwahoho	636	1.7%
20	Mabudeni	0	0%
21	Mabhokweni	0	0%

22	Machibini	2120	5.7%
23	Macekeni	0	0%
24	Macambini	599	1.6%
25	Madondo	0	0%
26	Mfekayi	0	0%
27	Mgangatho	0	0%
28	Mahunjini	398	1.1%
29	Makhambane	65	0.2%
30	Makopini	0	0%
31	Mapheleni	1652	4.4%
32	Mshaya	1034	2.8%
33	Mthwadhana	0	0%
34	Matshamnyama-East	0	0%
35	Matshamhlophe	0	0%
36	Matshamnyama-West	0	0%
37	Mathunzi	0	0%
38	Mvutshini	123	0.3%
39	Madwaleni	0	0%
40	Myeki	2723	7.3%
41	Ncwabakazi	0	0%
42	Ndlovu Village	1368	3.7%
43	Ngondini	0	0%
44	Nkundusi	0	0%
45	Nkolokotho	2488	6.7%
46	Nkombose	4239	11.4%
47	Makhowe	0	0%
48	Nomathiya	1079	2.9%
49	Nompondo	0	0%
50	Nqopheni	1818	4.9%
51	Nsolweni	1592	4.3%
52	Mthekwini	0	0%
53	Ogengele	2441	6.6%
54	Ophondweni	461	1.2%
55	Ophaphasi (Mdletshe)	0	0%
56	Ophaphasi (Mpukunyoni)	844	2.3%
57	Qakwini	0	0%
58	Qunwane	0	0%
59	Shikishela	0	0%
60	Stezi	0	0%

61	Sovane	0	0%
994	Query	0	0%
995	Default	0	0%
996	Other	0	0%
997	Not Applicable	0	0%
998	Don't know	0	0%
999	Missing	0	0%

## LOCALAREA: LocalArea

Data file: RD05-10 ACDIS HIV 2013

### Overview

Valid: 37207    Invalid: 0  
 Type: Discrete    Decimal: 0    Width: 12    Range: 1 - 9999    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	African	51	0.1%
2	Bhoboza	535	1.4%
3	Bhedangaye	389	1%
4	Bhekuzulu	113	0.3%
5	Buya	374	1%
6	Cakula	49	0.1%
7	Dubelenkunzi	1426	3.8%
8	Dukingane	69	0.2%
9	Dlokodlweni	174	0.5%
10	Ebhekani	66	0.2%
11	Ebaswazini	828	2.2%
12	Edutch	531	1.4%
13	Embotsheni	248	0.7%
14	Emambeni	51	0.1%
15	Emathuneni	268	0.7%
16	Esiyembeni	0	0%
17	Etsheni	293	0.8%
18	Ezingaweni	293	0.8%
19	Ezimpehlweni	107	0.3%
20	Fukula	49	0.1%

21	Gagwini	84	0.2%
22	Gwabalanda	135	0.4%
23	Gugulethu	445	1.2%
24	Gunjaneni	1297	3.5%
25	Gwebu	57	0.2%
26	Igwedla	43	0.1%
27	Indlovu	0	0%
28	Kwamsane Reserve	3286	8.8%
29	Kwamsane Township	0	0%
30	KwaMsane Township Central (W3)	473	1.3%
31	KwaMsane Township North (W2)	647	1.7%
32	KwaMsane Township South (W4)	648	1.7%
33	Kwahoho	359	1%
34	Kwayoung	323	0.9%
35	Kwiliza	504	1.4%
36	Mashaya	187	0.5%
37	Mbomeni	306	0.8%
38	Machibini	266	0.7%
39	Macambini	321	0.9%
40	Mchachazo	70	0.2%
41	Mdlambila	188	0.5%
42	Mdolomba	811	2.2%
43	Mfolozi	205	0.6%
44	Magodi	61	0.2%
45	Magqayiza	49	0.1%
46	Mgeza	29	0.1%
47	Mahlabathini	46	0.1%
48	Mahunjini	148	0.4%
49	Majonijoni	99	0.3%
50	Makhandeni	131	0.4%
51	Mkhathazi	78	0.2%
52	Mcakwaneni	143	0.4%
53	Majamisa	149	0.4%
54	Manandi	290	0.8%
55	Mnyakaja	156	0.4%
56	Mnyaba	114	0.3%
57	Mapheleni	345	0.9%
58	Mpukunyoni	705	1.9%
59	Mshaya	604	1.6%

60	Mtshongweni	62	0.2%
61	Mtholo	212	0.6%
62	Machwetshana	292	0.8%
63	Myeki	103	0.3%
64	Mvananda	89	0.2%
65	Nondubela	198	0.5%
66	Ngodane	58	0.2%
67	Ninela	147	0.4%
68	Njojo	324	0.9%
69	Nkhobo	661	1.8%
70	Nkangala	140	0.4%
71	Nkolokotho	94	0.3%
72	Nkombose	2192	5.9%
73	Nkodibe	1488	4%
74	Nkatha	447	1.2%
75	Nkumbane	243	0.7%
76	Nkwadini	135	0.4%
77	Nkayeni	88	0.2%
78	Nomathiya	396	1.1%
79	Nqaweni North	63	0.2%
80	Nqaweni South	64	0.2%
81	Nqumbo	20	0.1%
82	Nsane	1713	4.6%
83	Nsolweni	422	1.1%
84	Ntandabantu	384	1%
85	Ntungwana	79	0.2%
86	Ntweni	421	1.1%
87	Nyalazi	88	0.2%
88	Ogengele	415	1.1%
89	Okhalanja	160	0.4%
90	Paradise	107	0.3%
91	Qubuka	858	2.3%
92	Sibomvu	29	0.1%
93	Sggogqogqweni	193	0.5%
94	Somkhele	1172	3.1%
95	Sunjwaneni	305	0.8%
96	Sobayeka	47	0.1%
97	Sogceke	65	0.2%
98	Swalihle	32	0.1%

99	Shayamoya	64	0.2%
100	Tamu	259	0.7%
101	Thandanani	677	1.8%
102	Vezunyawo	119	0.3%
103	Zibomvini	56	0.2%
104	Zululiyaduma	76	0.2%
105	Zimambeni	137	0.4%
106	Zinkonjane	688	1.8%
107	Zwelethu	41	0.1%
108	Indlovu Village	1368	3.7%
9993	Refused	0	0%
9994	Query	0	0%
9995	Default	0	0%
9996	Other	0	0%
9997	Not Applicable	0	0%
9998	Don't know	0	0%
9999	Missing	0	0%

## ICRAPIDHIVTEST: Rapid HIV Test Consent

Data file: RD05-10 ACDIS HIV 2013

### Overview

Valid: 15268 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

## ICCONVENTIONALHIVTEST: Conventional HIV Test Consent

Data file: RD05-10 ACDIS HIV 2013

### Overview

Valid: 15268 Invalid: 21939  
Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Consented	9925	65%
2	Did not consent	5342	35%
99	Missing	1	0%
Sysmiss		21939	



**ICHOMEDELIVERY: Home Delivery Consent****Data file: RD05-10 ACDIS HIV 2013****Overview**

Valid: 15268    Invalid: 0  
 Type: Discrete    Width: 1    Range: -    Format: character

**ICSTORED: Storage Consent****Data file: RD05-10 ACDIS HIV 2013****Overview**

Valid: 15268    Invalid: 21939  
 Type: Discrete    Decimal: 0    Width: 12    Range: 1 - 99    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Consented	9913	64.9%
2	Did not consent	5351	35%
99	Missing	4	0%
Sysmiss		21939	

**ICTESTING: Testing Consent****Data file: RD05-10 ACDIS HIV 2013****Overview**

Valid: 15268    Invalid: 0  
 Type: Discrete    Width: 1    Range: -    Format: character

**ICRECONTACTSAMPLE: Recontact Sample Consent****Data file: RD05-10 ACDIS HIV 2013****Overview**

Valid: 15268    Invalid: 21939  
 Type: Discrete    Decimal: 0    Width: 12    Range: 1 - 99    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Consented	9913	64.9%
2	Did not consent	5345	35%
99	Missing	10	0.1%
Sysmiss		21939	

## ICHEALTH: General Health Consent

Data file: RD05-10 ACDIS HIV 2013

### Overview

Valid: 15268 Invalid: 21939

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Consented	14954	97.9%
2	Did not consent	307	2%
99	Missing	7	0%
Sysmiss		21939	

## ICSEXUALBEHAVIOUR: Sexual Behaviour Consent

Data file: RD05-10 ACDIS HIV 2013

### Overview

Valid: 15268 Invalid: 21939

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Consented	8277	54.2%
2	Did not consent	6991	45.8%
99	Missing	0	0%
Sysmiss		21939	

**ICRECONTACTQA: Recontact for QA Consent****Data file: RD05-10 ACDIS HIV 2013****Overview**

Valid: 15268 Invalid: 21939

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Consented	3926	25.7%
2	Did not consent	11322	74.2%
99	Missing	20	0.1%
Sysmiss		21939	

**ICRECONTACTOTHERINFO: Recontact Other Info Consent****Data file: RD05-10 ACDIS HIV 2013****Overview**

Valid: 15268 Invalid: 21939

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Consented	9001	59%
2	Did not consent	6220	40.7%
99	Missing	47	0.3%
Sysmiss		21939	

**ICLIVINGARRANGEMENTS: Living Arrangements Consent****Data file: RD05-10 ACDIS HIV 2013****Overview**

Valid: 15268 Invalid: 0

Type: Discrete Width: 1 Range: - Format: character

**ICBIOMEASURES: Biomeasures****Data file: RD05-10 ACDIS HIV 2013****Overview**

Valid: 15268    Invalid: 21939

Type: Discrete    Decimal: 0    Width: 12    Range: 1 - 99    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Consented	0	0%
2	Did not consent	0	0%
99	Missing	15268	100%
Sysmiss		21939	

**ICFIELDWORKER: Fieldworker inform consent****Data file: RD05-10 ACDIS HIV 2013****Overview**

Valid: 15268    Invalid: 0

Type: Discrete    Width: 3    Range: -    Format: character

## Download related resources

### Technical documents

#### DDI:HIV 2013

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Title	DDI:HIV 2013
Author(s)	Sweetness H Dube
Date	24/08/2023
Country	South Africa
Language	English
Publisher(s)	Sweetness H Dube
Filename	AHRI.RD05-10.HDSS.HIV.2013.pdf

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