South Africa - AHRI HDSS:Individual Health Surveillance HIV 2016

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Report generated on: August 24, 2023

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Identification

SURVEY ID NUMBER
AHRI.RD05-13.HDSS.HIV.2016

TITLE
AHRI HDSS:Individual Health Surveillance HIV 2016

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 438km2 in size in uMkhanyakude district, KwaZulu-Natal province, South Africa.

The 2016, the "Eligibility List" for the 2016 Round of the HIV Surveillance used 2 December 2016 as its reference date. The criteria for inclusion were all males and females aged 15 and over.
Note that from 2012, unlike in earlier years, no non-residents are included.

The total number eligible is 36,650, so this is the number of rows in the dataset.

The field visits occurred from January 2016 to December 2016. 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'.

Individual Surveillance forms were redesigned in 2013. 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, Bärnighausen 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-Jesperson, 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, Bärnighausen 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, Bärnighausen 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
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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
Kathy Baisley	AHRI	Statistics

Sampling

SAMPLING PROCEDURE

All individuals meeting the eligibility criteria described in the abstract

Data Collection

DATES OF DATA COLLECTION

Start	End
2016-01-01	2016-12-05

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 2016 [Data set]. Africa Health Research Institute. DOI:https://doi.org/10.23664/AHRI.RD05-13.HDSS.HIV.2016

Metadata production

DDI DOCUMENT ID

DDI.AHRI.RD05-13.HDSS.HIV.2016

PRODUCERS

Name	Abbreviation
Africa Health Research Institute	AHRI

Data Dictionary

Data file	Cases	Variables
RD05-13 ACDIS HIV 2016	36650	64

Data file: RD05-13 ACDIS HIV 2016

Cases:	36650
Variables:	64

Variables

ID	Name	Label	Question
V282	QuestionnaireId	Questionnaire Id	
V283	DocumentStatus	Document Status	
V284	BMFStatusObservation	BMFStatusObservation Id	
V285	PrematureCompletionReason	Premature Completion Reason	
V286	IIntId	Unique Internal Id of Individual	
V287	Sex	Sex	
V288	DateOfBirth	Date of birth	
V289	Resident	Residency status	
V290	BSIntId	Unique Internal Id of BoundedStructures	
V291	VisitDate	Visit Date	
V292	VisitType	Visit Type	
V293	FormRefused	FormRefused	
V294	FormRefusedBy	Form Refused By	
V295	HIVRefused	HIV Refused	
V296	HIVRefusedBy	HIV Refused By	
V297	ConsentHIVTest	HIV Test Consent	
V298	ConsentSpecimenStored	Specimen Stored Consent	
V299	ConsentFutureTesting	Future Testing Consent	
V300	ConsentRecontactForQC	Recontact for QC Consent	
V301	ConsentRecontactInFuture	Recontact in Future Consent	
V302	HIVSampleAvailable	HIV Sample Available	
V303	HIVSampleID	HIV Sample Id	
V304	HIVResult	HIV Result	
V305	HIVResultName	HIV Result Name	
V306	PreferredPlaceToTest	Preferred Place ToTest	
V307	KnowsHIVStatus	Knows HIV Status	
V308	WhenLastTested	When Last Tested	
V309	WhereLastTested	Where Last Tested	
V310	HeardAboutART	Heard About ART	
V311	BelievesARTImprovesHealth	Believes ART Improves Health	
V312	KnowsWhereToObtainART	Knows Where To ObtainART	
V313	FwkAttempt1FieldWorker	First Attempt FieldWorker	
V314	FwkAttempt1Date	First Attempt Date	
V315	FwkAttempt2FieldWorker	Second Attempt FieldWorker	
V316	FwkAttempt2Date	Second Attempt Date	
V317	FwkAttempt3FieldWorker	Third Attempt FieldWorker	
V318	FwkAttempt3Date	Third Attempt Date	
V319	FwkAttempt4FieldWorker	Fourth Attempt FieldWorker	

ID	Name	Label	Question
V320	FwkAttempt4Date	Fourth Attempt Date	
V321	TrkAttempt1FieldWorker	First Attempt Tracker	
V322	TrkAttempt1Date	Tracker First Attempt Date	
V323	TrkAttempt2FieldWorker	Second Attempt Tracker	
V324	TrkAttempt2Date	Tracker Second Attempt Date	
V325	TrkAttempt3FieldWorker	Third Attempt Tracker	
V326	TrkAttempt3Date	Tracker Third Attempt Date	
V327	TrkAttempt4FieldWorker	Fourth Attempt Tracker	
V328	TrkAttempt4Date	Tracker Fourth Attempt Date	
V329	HIVFieldWorker	HIV FieldWorker	
V330	WeekBlock	Week Block	
V331	Isigodi	Isigodi	
V332	LocalArea	LocalArea	
V333	icRapidHIVTest	Rapid HIV Test Consent	
V334	icConventionalHIVTest	Conventional HIV Test Consent	
V335	icHomeDelivery	Home Delivery Consent	
V336	icStored	Storage Consent	
V337	icTesting	Testing Consent	
V338	icRecontactSample	Recontact Sample Consent	
V339	icHealth	General Health Consent	
V340	icSexualBehaviour	Sexual Behaviour Consent	
V341	icRecontactQA	Recontac for QA Consent	
V342	icRecontactOtherInfo	Recontact Other Info Consent	
V343	icLivingArrangements	Living Arrangements Consent	
V344	icBiomeasures	Biomeasures	
V345	icFieldworker	Fieldworker inform consent	

Total: 64

▎QUESTIONNAIREID: Questionnaire Id

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 36650   Invalid: 0   Minimum: 55626843   Maximum: 56160978   Mean: 55864076.976   Standard deviation: 199642.797
Type: Continuous   Decimal: 0   Width: 12   Range: 55626843 - 56160978   Format: Numeric

▎DOCUMENTSTATUS: Document Status

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 36650   Invalid: 0
Type: Discrete   Width: 100   Range: -   Format: character

▎BMFSTATUSOBSERVATION: BMFStatusObservation Id

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 28858   Invalid: 7792   Minimum: 419198   Maximum: 448376   Mean: 433816.332   Standard deviation: 8416.487
Type: Continuous   Decimal: 0   Width: 12   Range: 419198 - 448376   Format: Numeric

▎PREMATURECOMPLETIONREASON: Premature Completion Reason

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 7792   Invalid: 28858
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	25	0.3%
2	Temporarily away for more than 2 months	1406	18%
3	Non-Functional BS	14	0.2%
4	Reported Dead	175	2.2%
5	Household dissolution	0	0%
6	HH Migrated External	0	0%
7	Household Migrations	0	0%
8	HH Migrated Internal	0	0%

9	OutMigrated	2417	31%
10	Mentally Disabled	257	3.3%
11	Migrated unknown destination	220	2.8%
12	Non-Contact After Tracking	77	1%
13	No HSE Informant	0	0%
14	Refused Bundles	0	0%
15	Refused HSE	0	0%
16	Refused Tracking	0	0%
17	Very Sick	421	5.4%
96	Other Reason	2780	35.7%
97	Not applicable	0	0%
Sysmiss		28858	

IINTID: Unique Internal Id of Individual

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 36650   Invalid: 0   Minimum: 15   Maximum: 261866   Mean: 70884.496   Standard deviation: 47882.716
Type: Continuous   Decimal: 0   Width: 12   Range: 15 - 261866   Format: Numeric

SEX: Sex

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 36650   Invalid: 0
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 9   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Male	15427	42.1%
2	Female	21223	57.9%
9	Unknown	0	0%

DATEOFBIRTH: Date of birth

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 36650   Minimum: 1902-10-20   Maximum: 2014-12-28
Type: Discrete   Width: 11   Range: -   Format: character

RESIDENT: Residency status

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 36650   Invalid: 0
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	36650	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: RD05-13 ACDIS HIV 2016

Overview

Valid: 36650   Invalid: 0   Minimum: 13   Maximum: 18500   Mean: 8346.764   Standard deviation: 5247.217
Type: Continuous   Decimal: 0   Width: 12   Range: 13 - 18500   Format: Numeric

VISITDATE: Visit Date

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 36650   Minimum: 2016-01-01   Maximum: 2016-12-09
Type: Discrete   Width: 11   Range: -   Format: character

VISITTYPE: Visit Type

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 36650   Invalid: 0
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Avoided Visit	10	0%
2	Unsuccessful Visit	308	0.8%
3	Regular Visit	24055	65.6%
4	Special Task Visit	0	0%
5	Problem Solving	0	0%
6	Quality Control	0	0%
7	Spot Check	0	0%
8	Tracking	12271	33.5%
9	Verbal Autopsy	0	0%
10	Mapping Visit	0	0%
11	COUNSELLING VISIT	0	0%
12	Illness And Death	1	0%
13	Bounded Structure Verification	0	0%
30	Community Liaison Office Visit	0	0%
92	Deprecated	1	0%
93	Refused Visit	4	0%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	0	0%
99	Missing	0	0%

FORMREFUSED: FormRefused

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 28858   Invalid: 7792
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	12203	42.3%
2	No	16655	57.7%
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		7792	

FORMREFUSEDBY: Form Refused By

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 28858   Invalid: 7792
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Self	11583	40.1%
2	Partner	163	0.6%
3	HH head	272	0.9%
4	BS owner	13	0%
5	Other	172	0.6%
97	Not applicable	16655	57.7%
99	Missing	0	0%
Sysmiss		7792	

HIVREFUSED: HIV Refused

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 28858   Invalid: 7792
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	1918	6.6%
2	No	14737	51.1%
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	12203	42.3%
98	Don't know	0	0%
99	Missing	0	0%
Sysmiss		7792	

HIVREFUSEDBY: HIV Refused By

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 28858   Invalid: 7792
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Self	10	0%
2	Partner	0	0%
3	HH head	0	0%
4	BS owner	0	0%
5	Other	0	0%
97	Not applicable	28848	100%

99	Missing	0	0%
Sysmiss		7792	

CONSENTHIVTEST: HIV Test Consent

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 16655   Invalid: 19995
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Consented	14744	88.5%
2	Did not consent	1909	11.5%
99	Missing	2	0%
Sysmiss		19995	

CONSENTSPECIMENSTORED: Specimen Stored Consent

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 16655   Invalid: 19995
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Consented	14735	88.5%
2	Did not consent	1915	11.5%
99	Missing	5	0%
Sysmiss		19995	

CONSENTFUTURETESTING: Future Testing Consent

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 16655   Invalid: 0

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

CONSENTRECONTACTFORQC: Recontact for QC Consent

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 16655   Invalid: 19995
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Consented	7992	48%
2	Did not consent	8655	52%
99	Missing	8	0%
Sysmiss		19995	

CONSENTRECONTACTINFUTURE: Recontact in Future Consent

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 16655   Invalid: 19995
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Consented	12027	72.2%
2	Did not consent	4622	27.8%
99	Missing	6	0%
Sysmiss		19995	

HIVSAMPLEAVAILABLE: HIV Sample Available

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 28858   Invalid: 7792
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	14744	51.1%
2	No,but there is a BMFStatusObs	14114	48.9%
Sysmiss		7792	

HIVSAMPLEID: HIV Sample Id

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 14744   Invalid: 0
Type: Discrete   Width: 100   Range: -   Format: character

HIVRESULT: HIV Result

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 28858   Invalid: 7792
Type: Discrete   Decimal: 0   Width: 12   Range: 0 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Negative	10215	35.4%
1	Positive	4481	15.5%
2	Indeterminate	25	0.1%
3	Insufficient sample volume	5	0%
4	Spurious (probably not this person)	7	0%
5	Spurious negative(HIV reverse seroconversion)	2	0%
6	Spurious positive(HIV reverse seroconversion)	2	0%
97	Not applicable	14121	48.9%
99	Missing (Sample lost)	0	0%
Sysmiss		7792	

HIVRESULTNAME: HIV Result Name

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 28858   Invalid: 0
Type: Discrete   Width: 50   Range: -   Format: character

PREFERREDPLACETOTEST: Preferred Place ToTest

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 16655   Invalid: 19995
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	At Counselling Centre	46	0.3%
2	At Clinic	13569	81.5%
3	Deprecated (i.e. Pre-2009)	0	0%
4	Don't know	29	0.2%
5	At home	1277	7.7%
6	At Hospital	38	0.2%
7	At Mobile Testing Unit	49	0.3%
8	At Private Doctor	297	1.8%
93	Refused	6	0%
96	Other	21	0.1%
99	Missing	1323	7.9%
Sysmiss		19995	

KNOWSHIVSTATUS: Knows HIV Status

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 16655   Invalid: 19995
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	10330	62%
2	No	5017	30.1%

90	SpecialQuery	0	0%
92	Deprecated	0	0%
93	Refused	4	0%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	1300	7.8%
98	Don't know	0	0%
99	Missing	4	0%
Sysmiss		19995	

▌ WHENLASTTESTED: When Last Tested

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 16655   Invalid: 19995
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	3813	22.9%
2	In last 6 months	4953	29.7%
3	More than a year ago	1490	8.9%
93	Refused	52	0.3%
97	Not Applicable (i.e. pre-2010)	4998	30%
99	Missing	1349	8.1%
Sysmiss		19995	

▌ WHERELASTTESTED: Where Last Tested

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 16655   Invalid: 19995
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	At Counselling Centre	66	0.4%
2	At Clinic	9386	56.4%
3	At home	117	0.7%
4	At hospital	140	0.8%
5	At Mobile Testing Unit	141	0.8%
6	Not applicable (pre-2010)	5016	30.1%
7	At Private Doctor	323	1.9%
8	At Ubumbano Lwentsha game	0	0%
93	Refused	19	0.1%
96	Other	110	0.7%
98	Don't know	9	0.1%
99	Missing	1328	8%
Sysmiss		19995	

HEARDABOUTART: Heard About ART

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 16655   Invalid: 19995
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	14691	88.2%
2	No	518	3.1%
90	SpecialQuery	0	0%
92	Deprecated	0	0%
93	Refused	137	0.8%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	1309	7.9%
98	Don't know	0	0%
99	Missing	0	0%
Sysmiss		19995	

▍ BELIEVESARTIMPROVESHEALTH: Believes ART Improves Health

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 16655   Invalid: 19995
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	14560	87.4%
2	No	33	0.2%
90	SpecialQuery	0	0%
92	Deprecated	0	0%
93	Refused	9	0.1%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	625	3.8%
98	Don't know	109	0.7%
99	Missing	1319	7.9%
Sysmiss		19995	

▍ KNOWSWHERETOOBTAINART: Knows Where To ObtainART

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 16655   Invalid: 19995
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	14388	86.4%
2	No	273	1.6%
90	SpecialQuery	0	0%
92	Deprecated	0	0%
93	Refused	64	0.4%
94	Query	0	0%

95	Default	0	0%
96	Other	0	0%
97	Not Applicable	1927	11.6%
98	Don't know	0	0%
99	Missing	3	0%
Sysmiss		19995	

FWKATTEMPT1FIELDWORKER: First Attempt FieldWorker

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 15247   Invalid: 0
Type: Discrete   Width: 3   Range: -   Format: character

FWKATTEMPT1DATE: First Attempt Date

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 15247   Minimum: 2010-08-04   Maximum: 2016-11-30
Type: Discrete   Width: 11   Range: -   Format: character

FWKATTEMPT2FIELDWORKER: Second Attempt FieldWorker

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 3905   Invalid: 0
Type: Discrete   Width: 3   Range: -   Format: character

FWKATTEMPT2DATE: Second Attempt Date

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 3905   Minimum: 2010-10-20   Maximum: 2016-11-29
Type: Discrete   Width: 11   Range: -   Format: character

FWKATTEMPT3FIELDWORKER: Third Attempt FieldWorker

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 2285   Invalid: 0

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

FWKATTEMPT3DATE: Third Attempt Date

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 2285   Minimum: 2015-05-20   Maximum: 2016-11-28
Type: Discrete   Width: 11   Range: -   Format: character

FWKATTEMPT4FIELDWORKER: Fourth Attempt FieldWorker

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 555   Invalid: 0
Type: Discrete   Width: 3   Range: -   Format: character

FWKATTEMPT4DATE: Fourth Attempt Date

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 555   Minimum: 2013-03-04   Maximum: 2016-11-23
Type: Discrete   Width: 11   Range: -   Format: character

TRKATTEMPT1FIELDWORKER: First Attempt Tracker

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 329   Invalid: 0
Type: Discrete   Width: 3   Range: -   Format: character

TRKATTEMPT1DATE: Tracker First Attempt Date

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 329   Minimum: 2015-03-14   Maximum: 2016-11-30
Type: Discrete   Width: 11   Range: -   Format: character

TRKATTEMPT2FIELDWORKER: Second Attempt Tracker

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 138   Invalid: 0
Type: Discrete   Width: 3   Range: -   Format: character

TRKATTEMPT2DATE: Tracker Second Attempt Date

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 138   Minimum: 2016-04-05   Maximum: 2016-11-28
Type: Discrete   Width: 11   Range: -   Format: character

TRKATTEMPT3FIELDWORKER: Third Attempt Tracker

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 71   Invalid: 0
Type: Discrete   Width: 3   Range: -   Format: character

TRKATTEMPT3DATE: Tracker Third Attempt Date

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 71   Minimum: 2016-04-06   Maximum: 2016-11-29
Type: Discrete   Width: 11   Range: -   Format: character

TRKATTEMPT4FIELDWORKER: Fourth Attempt Tracker

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 32   Invalid: 0
Type: Discrete   Width: 3   Range: -   Format: character

TRKATTEMPT4DATE: Tracker Fourth Attempt Date

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 32   Minimum: 2016-04-07   Maximum: 2016-11-30
Type: Discrete   Width: 11   Range: -   Format: character

HIVFIELDWORKER: HIV FieldWorker

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 14746   Invalid: 0
Type: Discrete   Width: 3   Range: -   Format: character

WEEKBLOCK: Week Block

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 36650   Invalid: 0
Type: Discrete   Width: 5   Range: -   Format: character

ISIGODI: Isigodi

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 36650   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	2133	5.8%
6	Egula (Hlabisa)	0	0%
7	Egula (Mdletshe)	0	0%
8	Ekuphisweni	0	0%
9	Empembeni	0	0%
10	Esiyembeni	774	2.1%
11	Gunjaneni	1052	2.9%
12	Hlabisa Mission	0	0%
13	Hlambanyathi	0	0%
14	Inhlawathi	0	0%
15	Khalokazi	0	0%
16	KwaMsane (Isigodi)	5865	16%

17	KwaMsane (Township)	1601	4.4%
18	KwaMseme	0	0%
19	Kwahoho	629	1.7%
20	Mabudeni	0	0%
21	Mabhokweni	0	0%
22	Machibini	2073	5.7%
23	Macekeni	0	0%
24	Macambini	593	1.6%
25	Madondo	0	0%
26	Mfekayi	0	0%
27	Mgangatho	0	0%
28	Mahunjini	367	1%
29	Makhambane	68	0.2%
30	Makopini	0	0%
31	Mapheleni	1701	4.6%
32	Mshaya	1020	2.8%
33	Mthwadlana	0	0%
34	Matshamnyama-East	0	0%
35	Matshamhlophe	0	0%
36	Matshamnyama-West	0	0%
37	Mathunzi	0	0%
38	Mvutshini	135	0.4%
39	Madwaleni	0	0%
40	Myeki	2448	6.7%
41	Ncwabakazi	0	0%
42	Ndlovu Village	1356	3.7%
43	Ngondini	0	0%
44	Nkundusi	0	0%
45	Nkolokotho	2439	6.7%
46	Nkombose	4156	11.3%
47	Makhowe	0	0%
48	Nomathiya	1072	2.9%
49	Nompondo	0	0%
50	Nqopheni	1743	4.8%
51	Nsolweni	1515	4.1%
52	Mthekwini	0	0%
53	Ogengele	2573	7%
54	Ophondweni	462	1.3%
55	Ophaphasi (Mdletshe)	0	0%

56	Ophaphasi (Mpukunyoni)	875	2.4%
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: RD05-13 ACDIS HIV 2016

Overview

Valid: 36650   Invalid: 0
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 9999   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	African	46	0.1%
2	Bhoboza	487	1.3%
3	Bhedangaye	383	1%
4	Bhekuzulu	119	0.3%
5	Buya	351	1%
6	Cakula	43	0.1%
7	Dubelenkunzi	1360	3.7%
8	Dukingane	72	0.2%
9	Dlokodlweni	167	0.5%
10	Ebhekani	74	0.2%
11	Ebaswazini	819	2.2%
12	Edutch	507	1.4%
13	Embotsheni	241	0.7%
14	Emambeni	54	0.1%
15	Emathuneni	269	0.7%

16	Esiyembeni	0	0%
17	Etsheni	292	0.8%
18	Ezinqaweni	273	0.7%
19	Ezimpehlweni	127	0.3%
20	Fukula	51	0.1%
21	Gagwini	105	0.3%
22	Gwabalanda	147	0.4%
23	Gugulethu	473	1.3%
24	Gunjaneni	1292	3.5%
25	Gwebu	53	0.1%
26	Igwedla	42	0.1%
27	Indlovu	51	0.1%
28	Kwamsane Reserve	3327	9.1%
29	Kwamsane Township	0	0%
30	KwaMsane Township Central (W3)	380	1%
31	KwaMsane Township North (W2)	594	1.6%
32	KwaMsane Township South (W4)	625	1.7%
33	Kwahoho	347	0.9%
34	Kwayoung	270	0.7%
35	Kwiliza	475	1.3%
36	Mashaya	178	0.5%
37	Mbomeni	340	0.9%
38	Machibini	273	0.7%
39	Macambini	327	0.9%
40	Mchachazo	84	0.2%
41	Mdlambila	184	0.5%
42	Mdolomba	855	2.3%
43	Mfolozi	189	0.5%
44	Magodi	63	0.2%
45	Magqayiza	45	0.1%
46	Mgeza	32	0.1%
47	Mahlabathini	24	0.1%
48	Mahunjini	130	0.4%
49	Majonijoni	104	0.3%
50	Makhandeni	132	0.4%
51	Mkhathazi	72	0.2%
52	Mcakwaneni	163	0.4%
53	Majamisa	132	0.4%
54	Manandi	294	0.8%

55	Mnyakaja	143	0.4%
56	Mnyaba	133	0.4%
57	Mapheleni	368	1%
58	Mpukunyoni	668	1.8%
59	Mshaya	587	1.6%
60	Mtshongweni	60	0.2%
61	Mtholo	196	0.5%
62	Machwetshana	299	0.8%
63	Myeki	25	0.1%
64	Mvananda	90	0.2%
65	Nondubela	197	0.5%
66	Ngodane	67	0.2%
67	Ninela	149	0.4%
68	Njojo	325	0.9%
69	Nkhobo	686	1.9%
70	Nkangala	152	0.4%
71	Nkolokotho	110	0.3%
72	Nkombose	2186	6%
73	Nkodibe	1463	4%
74	Nkatha	447	1.2%
75	Nkumbane	246	0.7%
76	Nkwalini	128	0.3%
77	Nkayeni	73	0.2%
78	Nomathiya	377	1%
79	Nqaweni North	55	0.2%
80	Nqaweni South	61	0.2%
81	Nqumbo	12	0%
82	Nsane	1709	4.7%
83	Nsolweni	452	1.2%
84	Ntandabantu	360	1%
85	Ntungwana	75	0.2%
86	Ntweni	429	1.2%
87	Nyalazi	77	0.2%
88	Ogengele	428	1.2%
89	Okhalanja	161	0.4%
90	Paradise	93	0.3%
91	Qubuka	623	1.7%
92	Sibomvu	27	0.1%
93	Sgqogqogqweni	204	0.6%

94	Somkhele	1205	3.3%
95	Sunjwaneni	342	0.9%
96	Sobayeka	41	0.1%
97	Sogceke	47	0.1%
98	Swalihle	44	0.1%
99	Shayamoya	61	0.2%
100	Tamu	272	0.7%
101	Thandanani	713	1.9%
102	Vezunyawo	128	0.3%
103	Zibomvini	69	0.2%
104	Zululiyaduma	76	0.2%
105	Zimambeni	107	0.3%
106	Zinkonjane	721	2%
107	Zwelethu	41	0.1%
108	Indlovu Village	1305	3.6%
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: RD05-13 ACDIS HIV 2016

Overview

Valid: 16655   Invalid: 0
Type: Discrete   Width: 1   Range: -   Format: character

ICCONVENTIONALHIVTEST: Conventional HIV Test Consent

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 16655   Invalid: 19995
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Consented	14744	88.5%
2	Did not consent	1909	11.5%
99	Missing	2	0%
Sysmiss		19995	

ICHOMEDELIVERY: Home Delivery Consent

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 16655   Invalid: 0
Type: Discrete   Width: 1   Range: -   Format: character

ICSTORED: Storage Consent

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 16655   Invalid: 19995
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Consented	14735	88.5%
2	Did not consent	1915	11.5%
99	Missing	5	0%
Sysmiss		19995	

ICTESTING: Testing Consent

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 16655   Invalid: 0
Type: Discrete   Width: 1   Range: -   Format: character

ICRECONTACTSAMPLE: Recontact Sample Consent

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 16655   Invalid: 19995
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Consented	14745	88.5%
2	Did not consent	1907	11.5%
99	Missing	3	0%
Sysmiss		19995	

ICHEALTH: General Health Consent

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 16655   Invalid: 19995
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Consented	15360	92.2%
2	Did not consent	1293	7.8%
99	Missing	2	0%
Sysmiss		19995	

ICSEXUALBEHAVIOUR: Sexual Behaviour Consent

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 16655   Invalid: 19995
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Consented	8646	51.9%

2	Did not consent	8004	48.1%
99	Missing	5	0%
Sysmiss		19995	

ICRECONTACTQA: Recontac for QA Consent

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 16655   Invalid: 19995
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Consented	7992	48%
2	Did not consent	8655	52%
99	Missing	8	0%
Sysmiss		19995	

ICRECONTACTOTHERINFO: Recontact Other Info Consent

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 16655   Invalid: 19995
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Consented	12027	72.2%
2	Did not consent	4622	27.8%
99	Missing	6	0%
Sysmiss		19995	

ICLIVINGARRANGEMENTS: Living Arrangements Consent

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 16655   Invalid: 0
Type: Discrete   Width: 1   Range: -   Format: character

ICBIOMEASURES: Biomeasures

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 16655   Invalid: 19995
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	16655	100%
Sysmiss		19995	

ICFIELDWORKER: Fieldworker inform consent

Data file: RD05-13 ACDIS HIV 2016

Overview

Valid: 16655   Invalid: 0
Type: Discrete   Width: 3   Range: -   Format: character

Download related resources

Technical documents

DDI:HIV 2016

Title	DDI:HIV 2016
Author(s)	Sweetness H Dube
Date	24/08/2023
Country	South Africa
Language	English
Publisher(s)	Sweetness H Dube
Filename	AHRI.RD05-13.HDSS.HIV.2016.pdf