South Africa - AHRI HDSS:Individual Health Surveillance HIV 2014

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Identification

SURVEY ID NUMBER
AHRI.RD05-11.HDSS.HIV.2014

TITLE
AHRI HDSS:Individual Health Surveillance HIV 2014

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 2014, the "Eligibility List" for the 2014 Round of the HIV Surveillance used 11 December 2014 as its reference date. The criteria for inclusion were all males and females aged 15 and over.
The total number eligible is 36,970, so this is the number of rows in the dataset.

The field visits occur from January 2014 to November 2014. 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
Phumzile Dlamini	AHRI	Data collection
Lindiwe Sithole	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
2014-01-18	2014-11-30

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 2014 [Data set]. Africa Health Research Institute. DOI:https://doi.org/10.23664/AHRI.RD05-11.HDSS.HIV.2014

Metadata production

DDI DOCUMENT ID

DDI.AHRI.RD05-11.HDSS.HIV.2014

PRODUCERS

Name	Abbreviation
Africa Health Research Institute	AHRI

Data Dictionary

Data file	Cases	Variables
RD05-11 ACDIS HIV 2014	36970	65

Data file: RD05-11 ACDIS HIV 2014

Cases:	36970

Variables:	65

Variables

ID	Name	Label	Question
V349	QuestionnaireId	Questionnaire Id	
V350	Questionnaire	Questionnaire	
V351	DocumentStatus	Document Status	
V352	BMFStatusObservation	BMFStatusObservation Id	
V353	PrematureCompletionReason	Premature Completion Reason	
V354	IIntId	Unique Internal Id of Individual	
V355	Sex	Sex	
V356	DateOfBirth	Date of birth	
V357	Resident	Residency status	
V358	BSIntId	Unique Internal Id of BoundedStructures	
V359	VisitDate	Visit Date	
V360	StaffMember	Staff Member	
V361	VisitType	Visit Type	
V362	FormRefused	FormRefused	
V363	FormRefusedBy	Form Refused By	
V364	HIVRefused	HIV Refused	
V365	HIVRefusedBy	HIV Refused By	
V366	ConsentHIVTest	HIV Test Consent	
V367	ConsentSpecimenStored	Specimen Stored Consent	
V368	ConsentFutureTesting	Future Testing Consent	
V369	ConsentRecontactForQC	Recontact for QC Consent	
V370	ConsentRecontactInFuture	Recontact in Future Consent	
V371	HIVSampleAvailable	HIV Sample Available	
V372	HIVSampleID	HIV Sample Id	
V373	HIVResult	HIV Result	
V374	PreferredPlaceToTest	Preferred Place ToTest	
V375	KnowsHIVStatus	Knows HIV Status	
V376	WhenLastTested	When Last Tested	
V377	WhereLastTested	Where Last Tested	
V378	HeardAboutART	Heard About ART	
V379	BelievesARTImprovesHealth	Believes ART Improves Health	
V380	KnowsWhereToObtainART	Knows Where To ObtainART	
V381	FwkAttempt1FieldWorker	First Attempt FieldWorker	
V382	FwkAttempt1Date	First Attempt Date	
V383	FwkAttempt2FieldWorker	Second Attempt FieldWorker	
V384	FwkAttempt2Date	Second Attempt Date	
V385	FwkAttempt3FieldWorker	Third Attempt FieldWorker	
V386	FwkAttempt3Date	Third Attempt Date	

ID	Name	Label	Question
V387	FwkAttempt4FieldWorker	Fourth Attempt FieldWorker	
V388	FwkAttempt4Date	Fourth Attempt Date	
V389	TrkAttempt1FieldWorker	First Attempt Tracker	
V390	TrkAttempt1Date	Tracker First Attempt Date	
V391	TrkAttempt2FieldWorker	Second Attempt Tracker	
V392	TrkAttempt2Date	Tracker Second Attempt Date	
V393	TrkAttempt3FieldWorker	Third Attempt Tracker	
V394	TrkAttempt3Date	Tracker Third Attempt Date	
V395	TrkAttempt4FieldWorker	Fourth Attempt Tracker	
V396	TrkAttempt4Date	Tracker Fourth Attempt Date	
V397	HIVFieldWorker	HIV FieldWorker	
V398	WeekBlock	Week Block	
V399	Isigodi	Isigodi	
V400	LocalArea	LocalArea	
V401	icRapidHIVTest	Rapid HIV Test Consent	
V402	icConventionalHIVTest	Conventional HIV Test Consent	
V403	icHomeDelivery	Home Delivery Consent	
V404	icStored	Storage Consent	
V405	icTesting	Testing Consent	
V406	icRecontactSample	Recontact Sample Consent	
V407	icHealth	General Health Consent	
V408	icSexualBehaviour	Sexual Behaviour Consent	
V409	icRecontactQA	Recontac for QA Consent	
V410	icRecontactOtherInfo	Recontact Other Info Consent	
V411	icLivingArrangements	Living Arrangements Consent	
V412	icBiomeasures	Biomeasures	
V413	icFieldworker	Fieldworker inform consent	

Total: 65

▌ QUESTIONNAIREID: Questionnaire Id

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 36970   Invalid: 0   Minimum: 54184633   Maximum: 54588330   Mean: 54203124.94   Standard deviation: 10856.107
Type: Continuous   Decimal: 0   Width: 12   Range: 54184633 - 54588330   Format: Numeric

▌ QUESTIONNAIRE: Questionnaire

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 36970   Invalid: 0
Type: Discrete   Width: 13   Range: -   Format: character

▌ DOCUMENTSTATUS: Document Status

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 36970   Invalid: 0
Type: Discrete   Width: 100   Range: -   Format: character

▌ BMFSTATUSOBSERVATION: BMFStatusObservation Id

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 25412   Invalid: 11558   Minimum: 365538   Maximum: 391201   Mean: 378364.078   Standard deviation: 7407.41
Type: Continuous   Decimal: 0   Width: 12   Range: 365538 - 391201   Format: Numeric

▌ PREMATURECOMPLETIONREASON: Premature Completion Reason

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 11560   Invalid: 25410
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	2269	19.6%
3	Non-Functional BS	9	0.1%
4	Reported Dead	339	2.9%
5	Household dissolution	0	0%
6	HH Migrated External	0	0%
7	Household Migrations	0	0%
8	HH Migrated Internal	0	0%
9	OutMigrated	3609	31.2%
10	Mentally Disabled	275	2.4%
11	Migrated unknown destination	0	0%
12	Non-Contact After Tracking	225	1.9%
13	No HSE Informant	0	0%
14	Refused Bundles	0	0%
15	Refused HSE	0	0%
16	Refused Tracking	0	0%
17	Very Sick	574	5%
96	Other Reason	4260	36.9%
97	Not applicable	0	0%
Sysmiss		25410	

▌ IINTID: Unique Internal Id of Individual

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 36970   Invalid: 0   Minimum: 15   Maximum: 266215   Mean: 67265.315   Standard deviation: 46017.556
Type: Continuous   Decimal: 0   Width: 12   Range: 15 - 266215   Format: Numeric

▌ SEX: Sex

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 36970   Invalid: 0
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 9   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Male	15579	42.1%
2	Female	21391	57.9%

| 9 | Unknown | 0 | 0% |

DATEOFBIRTH: Date of birth

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 36970   Minimum: 1902-10-20   Maximum: 2010-03-09
Type: Discrete   Width: 11   Range: -   Format: character

RESIDENT: Residency status

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 36970   Invalid: 0
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	36970	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: RD05-11 ACDIS HIV 2014

Overview

Valid: 36970   Invalid: 0   Minimum: 12   Maximum: 17738   Mean: 7968.577   Standard deviation: 4989.475
Type: Continuous   Decimal: 0   Width: 12   Range: 12 - 17738   Format: Numeric

VISITDATE: Visit Date

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 36970   Minimum: 2014-01-18   Maximum: 2014-11-30
Type: Discrete   Width: 11   Range: -   Format: character

STAFFMEMBER: Staff Member

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 36970   Invalid: 0
Type: Discrete   Width: 3   Range: -   Format: character

VISITTYPE: Visit Type

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 36970   Invalid: 0
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Avoided Visit	55	0.1%
2	Unsuccessful Visit	110	0.3%
3	Regular Visit	26693	72.2%
4	Special Task Visit	0	0%
5	Problem Solving	33	0.1%
6	Quality Control	0	0%
7	Spot Check	0	0%
8	Tracking	10058	27.2%
9	Verbal Autopsy	2	0%
10	Mapping Visit	1	0%
11	COUNSELLING VISIT	0	0%
12	Illness And Death	0	0%
13	Bounded Structure Verification	0	0%
30	Community Liaison Office Visit	0	0%
92	Deprecated	0	0%
93	Refused Visit	15	0%

94	Query	0	0%
95	Default	0	0%
96	Other	3	0%
97	Not Applicable	0	0%
99	Missing	0	0%

FORMREFUSED: FormRefused

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 25412   Invalid: 11558
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	11818	46.5%
2	No	13588	53.5%
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	6	0%
98	Don't know	0	0%
99	Missing	0	0%
Sysmiss		11558	

FORMREFUSEDBY: Form Refused By

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 25412   Invalid: 11558
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Self	10882	42.8%
2	Partner	187	0.7%
3	HH head	485	1.9%
4	BS owner	45	0.2%
5	Other	219	0.9%
97	Not applicable	13594	53.5%
99	Missing	0	0%
Sysmiss		11558	

HIVREFUSED: HIV Refused

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 25412   Invalid: 11558
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	4047	15.9%
2	No	9541	37.5%
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	11824	46.5%
98	Don't know	0	0%
99	Missing	0	0%
Sysmiss		11558	

HIVREFUSEDBY: HIV Refused By

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 25412   Invalid: 11558
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Self	2641	10.4%
2	Partner	2	0%
3	HH head	5	0%
4	BS owner	0	0%
5	Other	3	0%
97	Not applicable	22761	89.6%
99	Missing	0	0%
Sysmiss		11558	

CONSENTHIVTEST: HIV Test Consent

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 13594   Invalid: 23376
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Consented	9568	70.4%
2	Did not consent	4016	29.5%
99	Missing	10	0.1%
Sysmiss		23376	

CONSENTSPECIMENSTORED: Specimen Stored Consent

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 13594   Invalid: 23376
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	

1	Consented	9565	70.4%
2	Did not consent	4021	29.6%
99	Missing	8	0.1%
Sysmiss		23376	

CONSENTFUTURETESTING: Future Testing Consent

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 13594   Invalid: 0
Type: Discrete   Width: 1   Range: -   Format: character

CONSENTRECONTACTFORQC: Recontact for QC Consent

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 13594   Invalid: 23376
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Consented	3669	27%
2	Did not consent	9907	72.9%
99	Missing	18	0.1%
Sysmiss		23376	

CONSENTRECONTACTINFUTURE: Recontact in Future Consent

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 13594   Invalid: 23376
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Consented	7824	57.6%

2	Did not consent	5753	42.3%
99	Missing	17	0.1%
Sysmiss		23376	

HIVSAMPLEAVAILABLE: HIV Sample Available

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 25412   Invalid: 11558
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	9544	37.6%
2	No,but there is a BMFStatusObs	15868	62.4%
Sysmiss		11558	

HIVSAMPLEID: HIV Sample Id

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 9544   Invalid: 0
Type: Discrete   Width: 100   Range: -   Format: character

HIVRESULT: HIV Result

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 25407   Invalid: 11563
Type: Discrete   Decimal: 0   Width: 12   Range: 0 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Negative	6769	26.6%
1	Positive	2683	10.6%
2	Indeterminate	14	0.1%

3	Insufficient sample volume	37	0.1%
4	Spurious (probably not this person)	31	0.1%
5	Spurious negative(HIV reverse seroconversion)	2	0%
6	Spurious positive(HIV reverse seroconversion)	0	0%
97	Not applicable	15871	62.5%
99	Missing (Sample lost)	0	0%
Sysmiss		11563	

PREFERREDPLACETOTEST: Preferred Place ToTest

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 13594   Invalid: 23376
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	At Counselling Centre	31	0.2%
2	At Clinic	11398	83.8%
3	Deprecated (i.e. Pre-2009)	0	0%
4	Don't know	60	0.4%
5	At home	910	6.7%
6	At Hospital	129	0.9%
7	At Mobile Testing Unit	39	0.3%
8	At Private Doctor	382	2.8%
93	Refused	18	0.1%
96	Other	15	0.1%
99	Missing	612	4.5%
Sysmiss		23376	

KNOWSHIVSTATUS: Knows HIV Status

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 13594   Invalid: 23376
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	7658	56.3%
2	No	5335	39.2%
90	SpecialQuery	0	0%
92	Deprecated	0	0%
93	Refused	24	0.2%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	568	4.2%
98	Don't know	0	0%
99	Missing	9	0.1%
Sysmiss		23376	

WHENLASTTESTED: When Last Tested

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 13594   Invalid: 23376
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	2767	20.4%
2	In last 6 months	3352	24.7%
3	More than a year ago	1517	11.2%
93	Refused	32	0.2%
97	Not Applicable (i.e. pre-2010)	5328	39.2%
99	Missing	598	4.4%
Sysmiss		23376	

WHERELASTTESTED: Where Last Tested

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 13594   Invalid: 23376
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	At Counselling Centre	74	0.5%
2	At Clinic	6369	46.9%
3	At home	280	2.1%
4	At hospital	264	1.9%
5	At Mobile Testing Unit	92	0.7%
6	Not applicable (pre-2010)	5336	39.3%
7	At Private Doctor	461	3.4%
8	At Ubumbano Lwentsha game	0	0%
93	Refused	19	0.1%
96	Other	99	0.7%
98	Don't know	8	0.1%
99	Missing	592	4.4%
Sysmiss		23376	

HEARDABOUTART: Heard About ART

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 13594   Invalid: 23376
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	12216	89.9%
2	No	681	5%
90	SpecialQuery	0	0%
92	Deprecated	0	0%
93	Refused	107	0.8%
94	Query	0	0%
95	Default	0	0%

96	Other	0	0%
97	Not Applicable	590	4.3%
98	Don't know	0	0%
99	Missing	0	0%
Sysmiss		23376	

BELIEVESARTIMPROVESHEALTH: Believes ART Improves Health

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 13594   Invalid: 23376
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	11947	87.9%
2	No	40	0.3%
90	SpecialQuery	0	0%
92	Deprecated	0	0%
93	Refused	5	0%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	800	5.9%
98	Don't know	198	1.5%
99	Missing	604	4.4%
Sysmiss		23376	

KNOWSWHERETOOBTAINART: Knows Where To ObtainART

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 13594   Invalid: 23376
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	11782	86.7%
2	No	416	3.1%
90	SpecialQuery	0	0%
92	Deprecated	0	0%
93	Refused	17	0.1%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	1371	10.1%
98	Don't know	0	0%
99	Missing	8	0.1%
Sysmiss		23376	

FWKATTEMPT1FIELDWORKER: First Attempt FieldWorker

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 11884   Invalid: 0
Type: Discrete   Width: 3   Range: -   Format: character

FWKATTEMPT1DATE: First Attempt Date

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 11884   Minimum: 2011-11-13   Maximum: 2014-11-28
Type: Discrete   Width: 11   Range: -   Format: character

FWKATTEMPT2FIELDWORKER: Second Attempt FieldWorker

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 3355   Invalid: 0
Type: Discrete   Width: 3   Range: -   Format: character

FWKATTEMPT2DATE: Second Attempt Date

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 3355   Minimum: 2014-01-22   Maximum: 2014-11-28
Type: Discrete   Width: 11   Range: -   Format: character

FWKATTEMPT3FIELDWORKER: Third Attempt FieldWorker

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 2083   Invalid: 0
Type: Discrete   Width: 3   Range: -   Format: character

FWKATTEMPT3DATE: Third Attempt Date

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 2083   Minimum: 2014-01-01   Maximum: 2014-11-28
Type: Discrete   Width: 11   Range: -   Format: character

FWKATTEMPT4FIELDWORKER: Fourth Attempt FieldWorker

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 558   Invalid: 0
Type: Discrete   Width: 3   Range: -   Format: character

FWKATTEMPT4DATE: Fourth Attempt Date

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 558   Minimum: 2014-01-22   Maximum: 2014-11-25
Type: Discrete   Width: 11   Range: -   Format: character

TRKATTEMPT1FIELDWORKER: First Attempt Tracker

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 271   Invalid: 0
Type: Discrete   Width: 3   Range: -   Format: character

TRKATTEMPT1DATE: Tracker First Attempt Date

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 271   Minimum: 2014-01-30   Maximum: 2014-11-28
Type: Discrete   Width: 11   Range: -   Format: character

TRKATTEMPT2FIELDWORKER: Second Attempt Tracker

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 193   Invalid: 0
Type: Discrete   Width: 3   Range: -   Format: character

TRKATTEMPT2DATE: Tracker Second Attempt Date

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 193   Minimum: 2014-02-02   Maximum: 2014-10-28
Type: Discrete   Width: 11   Range: -   Format: character

TRKATTEMPT3FIELDWORKER: Third Attempt Tracker

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 180   Invalid: 0
Type: Discrete   Width: 3   Range: -   Format: character

TRKATTEMPT3DATE: Tracker Third Attempt Date

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 180   Minimum: 2014-02-03   Maximum: 2014-10-29
Type: Discrete   Width: 11   Range: -   Format: character

TRKATTEMPT4FIELDWORKER: Fourth Attempt Tracker

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 79   Invalid: 0
Type: Discrete   Width: 3   Range: -   Format: character

TRKATTEMPT4DATE: Tracker Fourth Attempt Date

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 79   Minimum: 2014-02-04   Maximum: 2014-10-30
Type: Discrete   Width: 11   Range: -   Format: character

HIVFIELDWORKER: HIV FieldWorker

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 12190   Invalid: 0
Type: Discrete   Width: 3   Range: -   Format: character

WEEKBLOCK: Week Block

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 36970   Invalid: 0
Type: Discrete   Width: 5   Range: -   Format: character

ISIGODI: Isigodi

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 36970   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	2214	6%
6	Egula (Hlabisa)	0	0%
7	Egula (Mdletshe)	0	0%
8	Ekuphisweni	0	0%

9	Empembeni	0	0%
10	Esiyembeni	721	2%
11	Gunjaneni	1032	2.8%
12	Hlabisa Mission	0	0%
13	Hlambanyathi	0	0%
14	Inhlawathi	0	0%
15	Khalokazi	0	0%
16	KwaMsane (Isigodi)	5756	15.6%
17	KwaMsane (Township)	1844	5%
18	KwaMseme	0	0%
19	Kwahoho	651	1.8%
20	Mabudeni	0	0%
21	Mabhokweni	0	0%
22	Machibini	2121	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	376	1%
29	Makhambane	69	0.2%
30	Makopini	0	0%
31	Mapheleni	1680	4.5%
32	Mshaya	1011	2.7%
33	Mthwadlana	0	0%
34	Matshamnyama-East	0	0%
35	Matshamhlophe	0	0%
36	Matshamnyama-West	0	0%
37	Mathunzi	0	0%
38	Mvutshini	133	0.4%
39	Madwaleni	0	0%
40	Myeki	2633	7.1%
41	Ncwabakazi	0	0%
42	Ndlovu Village	1238	3.3%
43	Ngondini	0	0%
44	Nkundusi	0	0%
45	Nkolokotho	2480	6.7%
46	Nkombose	4191	11.3%
47	Makhowe	0	0%

48	Nomathiya	1063	2.9%
49	Nompondo	0	0%
50	Nqopheni	1803	4.9%
51	Nsolweni	1550	4.2%
52	Mthekwini	0	0%
53	Ogengele	2470	6.7%
54	Ophondweni	476	1.3%
55	Ophaphasi (Mdletshe)	0	0%
56	Ophaphasi (Mpukunyoni)	865	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: RD05-11 ACDIS HIV 2014

Overview

Valid: 36970   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	539	1.5%
3	Bhedangaye	381	1%
4	Bhekuzulu	126	0.3%
5	Buya	384	1%
6	Cakula	45	0.1%
7	Dubelenkunzi	1413	3.8%

8	Dukingane	62	0.2%
9	Dlokodlweni	164	0.4%
10	Ebhekani	57	0.2%
11	Ebaswazini	856	2.3%
12	Edutch	536	1.4%
13	Embotsheni	236	0.6%
14	Emambeni	52	0.1%
15	Emathuneni	258	0.7%
16	Esiyembeni	0	0%
17	Etsheni	292	0.8%
18	Ezinqaweni	290	0.8%
19	Ezimpehlweni	108	0.3%
20	Fukula	49	0.1%
21	Gagwini	88	0.2%
22	Gwabalanda	145	0.4%
23	Gugulethu	459	1.2%
24	Gunjaneni	1280	3.5%
25	Gwebu	56	0.2%
26	Igwedla	42	0.1%
27	Indlovu	0	0%
28	Kwamsane Reserve	3246	8.8%
29	Kwamsane Township	0	0%
30	KwaMsane Township Central (W3)	490	1.3%
31	KwaMsane Township North (W2)	678	1.8%
32	KwaMsane Township South (W4)	676	1.8%
33	Kwahoho	371	1%
34	Kwayoung	311	0.8%
35	Kwiliza	501	1.4%
36	Mashaya	194	0.5%
37	Mbomeni	299	0.8%
38	Machibini	275	0.7%
39	Macambini	325	0.9%
40	Mchachazo	74	0.2%
41	Mdlambila	191	0.5%
42	Mdolomba	818	2.2%
43	Mfolozi	179	0.5%
44	Magodi	58	0.2%
45	Magqayiza	51	0.1%
46	Mgeza	31	0.1%

47	Mahlabathini	35	0.1%
48	Mahunjini	143	0.4%
49	Majonijoni	100	0.3%
50	Makhandeni	129	0.3%
51	Mkhathazi	76	0.2%
52	Mcakwaneni	144	0.4%
53	Majamisa	148	0.4%
54	Manandi	297	0.8%
55	Mnyakaja	152	0.4%
56	Mnyaba	125	0.3%
57	Mapheleni	367	1%
58	Mpukunyoni	696	1.9%
59	Mshaya	581	1.6%
60	Mtshongweni	58	0.2%
61	Mtholo	220	0.6%
62	Machwetshana	313	0.8%
63	Myeki	40	0.1%
64	Mvananda	89	0.2%
65	Nondubela	215	0.6%
66	Ngodane	67	0.2%
67	Ninela	149	0.4%
68	Njojo	310	0.8%
69	Nkhobo	669	1.8%
70	Nkangala	143	0.4%
71	Nkolokotho	100	0.3%
72	Nkombose	2143	5.8%
73	Nkodibe	1494	4%
74	Nkatha	445	1.2%
75	Nkumbane	250	0.7%
76	Nkwalini	131	0.4%
77	Nkayeni	77	0.2%
78	Nomathiya	384	1%
79	Nqaweni North	56	0.2%
80	Nqaweni South	66	0.2%
81	Nqumbo	22	0.1%
82	Nsane	1698	4.6%
83	Nsolweni	408	1.1%
84	Ntandabantu	380	1%
85	Ntungwana	73	0.2%

86	Ntweni	417	1.1%
87	Nyalazi	72	0.2%
88	Ogengele	417	1.1%
89	Okhalanja	161	0.4%
90	Paradise	97	0.3%
91	Qubuka	798	2.2%
92	Sibomvu	29	0.1%
93	Sgqogqogqweni	201	0.5%
94	Somkhele	1188	3.2%
95	Sunjwaneni	322	0.9%
96	Sobayeka	44	0.1%
97	Sogceke	59	0.2%
98	Swalihle	39	0.1%
99	Shayamoya	62	0.2%
100	Tamu	260	0.7%
101	Thandanani	693	1.9%
102	Vezunyawo	130	0.4%
103	Zibomvini	60	0.2%
104	Zululiyaduma	82	0.2%
105	Zimambeni	125	0.3%
106	Zinkonjane	714	1.9%
107	Zwelethu	37	0.1%
108	Indlovu Village	1238	3.3%
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: RD05-11 ACDIS HIV 2014

Overview

Valid: 13594   Invalid: 0
Type: Discrete   Width: 1   Range: -   Format: character

ICCONVENTIONALHIVTEST: Conventional HIV Test Consent

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 13594   Invalid: 23376
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Consented	9568	70.4%
2	Did not consent	4016	29.5%
99	Missing	10	0.1%
Sysmiss		23376	

ICHOMEDELIVERY: Home Delivery Consent

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 13594   Invalid: 0
Type: Discrete   Width: 1   Range: -   Format: character

ICSTORED: Storage Consent

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 13594   Invalid: 23376
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Consented	9565	70.4%
2	Did not consent	4021	29.6%
99	Missing	8	0.1%
Sysmiss		23376	

ICTESTING: Testing Consent

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 13594   Invalid: 0
Type: Discrete   Width: 1   Range: -   Format: character

ICRECONTACTSAMPLE: Recontact Sample Consent

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 13594   Invalid: 23376
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Consented	9532	70.1%
2	Did not consent	4050	29.8%
99	Missing	12	0.1%
Sysmiss		23376	

ICHEALTH: General Health Consent

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 13594   Invalid: 23376
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Consented	13020	95.8%
2	Did not consent	562	4.1%
99	Missing	12	0.1%
Sysmiss		23376	

ICSEXUALBEHAVIOUR: Sexual Behaviour Consent

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 13594   Invalid: 23376
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Consented	7290	53.6%
2	Did not consent	6292	46.3%
99	Missing	12	0.1%
Sysmiss		23376	

ICRECONTACTQA: Recontac for QA Consent

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 13594   Invalid: 23376
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Consented	3669	27%
2	Did not consent	9907	72.9%
99	Missing	18	0.1%
Sysmiss		23376	

ICRECONTACTOTHERINFO: Recontact Other Info Consent

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 13594   Invalid: 23376
Type: Discrete   Decimal: 0   Width: 12   Range: 1 - 99   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Consented	7824	57.6%
2	Did not consent	5753	42.3%
99	Missing	17	0.1%
Sysmiss		23376	

ICLIVINGARRANGEMENTS: Living Arrangements Consent

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 13594   Invalid: 0
Type: Discrete   Width: 1   Range: -   Format: character

ICBIOMEASURES: Biomeasures

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 13594   Invalid: 23376
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	13594	100%
Sysmiss		23376	

ICFIELDWORKER: Fieldworker inform consent

Data file: RD05-11 ACDIS HIV 2014

Overview

Valid: 13594   Invalid: 0
Type: Discrete   Width: 3   Range: -   Format: character

Download related resources

Technical documents

DDI:HIV 2014

Title	DDI:HIV 2014
Author(s)	Sweetness H Dube
Date	24/08/2023
Country	South Africa
Language	English
Publisher(s)	Sweetness H Dube
Filename	AHRI.RD05-11.HDSS.HIV.2014.pdf