

South Africa

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AHRI HDSS.RD05-08 ACDIS HIV 2011

Study Documentation

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Metadata Production

Metadata Producer(s)	Africa Health Research Institute (AHRI)
Identification	DDI.RD05-08.ACDIS.HIV.2011

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AHRI HDSS.RD05-08 ACDIS HIV 2011

Overview	
Identification	RD05-08.ACDIS.HIV.2011
Version	v2.0.0
<p>Abstract</p> <p>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.</p> <p>In 2011, the “Eligibility List” for the 2011 Round of the HIV Surveillance used 10 December 2011 as its reference date. The criteria for inclusion were different for Residents and non-Residents. For Residents (i.e., those with an Individual Residency episode when last seen) all males and females aged 15 and over were selected. For Non-Residents a stratified sampling procedure was adopted with the overall objective of obtaining a representative sample of approximately 10% of all non-residents aged 15-49 (females) and 15-54 (males). The 10 strata were defined by sex and by five 'return patterns', i.e. self-stated frequencies of returning home to the household in the DSA ('annual', 'occasional', 'month end', 'frequent', and 'other'). Other criteria were also used, and full details are available separately.</p> <p>The total number eligible, Resident and Non-resident, was 38155, so this is the number of rows in the dataset.</p> <p>The field visits took place from January 2011 to Dec 2011. 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 out migrated - 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 <code>PrematureCompletionReason = Non-Contact</code>. Additionally, some people were contacted but refused to participate in the survey. They are identifiable by <code>VisitType = Refusal</code>. Finally, there are some who participated in the survey, but refused the HIV test offered. They are identifiable as <code>HIVRefused = 'Y'</code></p> <p>Note that the section asking about height, weight and blood pressure, which was added in 2010 is removed again. 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.</p> <p>Note: Users of these datasets are strongly encouraged to refer to the questionnaires included in the documentation for the dataset 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.</p> <p>For more refer:</p> <p>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. <i>Int J Epidemiol.</i> 2008 Oct;37(5):956-62. doi: 10.1093/ije/dym211. Epub 2007 Nov 12. PMID: 17998242; PMCID: PMC2557060.</p>	
Kind of Data	Surveillance data
Unit of Analysis	AHRI HDSS Individual surveillance eligible individuals
Scope & Coverage	
Keywords	South Africa, Surveillance, Epidemiology, HIV, Population Cohort

Topics	HIV, Population, Surveillance, HIV Incidence, HIV prevalence, Epidemiology, Africa, Demography, information systems, South Africa, KwaZulu-Natal, Medical, Population Intervention
Time Period(s)	2011
Countries	South Africa
<p>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.</p> <p>For more refer:</p> <ol style="list-style-type: none"> 1. Dickman Gareta, Kathy Baisley, Thobeka Mngomezulu, Theresa Smit, Thandeka Khoza, Siyabonga Nxumalo, Jaco Dreyer, Sweetness Dube, Nomathamsanqa Majozi, Gregory Ordng-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, 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. 	
<p>Universe All resident household members from AHRI's DSA who met eligibility criteria and gave informed consent for their surveillance participation.</p>	

Producers & Sponsors	
Primary Investigator(s)	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
Other Producer(s)	Africa Health Research Institute (AHRI)
Funding Agency/ies	Welcome Trust (WT) , Funder DSI-MRC South African Population Research Infrastructure Network (SAPRIN) , Funder
Other Acknowledgment(s)	Thobeka Mngomezulu , Data collection , AHRI Phumzile Dlamini , Data collection , AHRI Lindiwe Sithole , Data collection , AHRI Bonginkosi Ntimane , Data quality , AHRI Njabulo Myeni , Data quality , AHRI Eugene Ehlers , Software Development , AHRI Eugene Prenzler , Data Analytics , AHRI Brendan Gilbert , IT infrastructure , AHRI Sweetness Dube , Data documentation , AHRI Siyabonga Nxumalo , Research Data management , AHRI Dickman Gareta , Research Data management , AHRI

Kathy Baisley , Statistics , AHRI

Sampling

Sampling Procedure

All individuals meeting the eligibility criteria described in the abstract

Data Collection

Data Collection Dates	start 2011-01-17 end 2011-11-18
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Data Processing & Appraisal

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.

Accessibility

Access Conditions

Access to the data requires accurate completion of the online data access application form accessible on the AHRI Data repository(<<https://data.ahri.org/>>). Data users are required to abide by the data use conditions stipulated on the application for access to the data. Failure to do so may result in their data access privileges being revoked by the Data Custodian. In order to recognise the effort and intellectual contributions of AHRI investigators in producing and curating the data, users of AHRI data must acknowledge the source of the data and abide by the terms and conditions under which the data is accessed and must cite the dataset in publication using the citation provided as part of this documentation. All analytical datasets published on the AHRI Data Repository are assigned digital object identifier (DOIs) and the DOIs can be found on the Data Repository under Study Description tab - Access policy. AHRI data users are required to always cite the dataset using the relevant DOI.

Citation Requirements

Herbst, A. J., Hanekom, W., Seeley, J., Shahmanesh, M., Harling, G., & Siedner, M. (2025). AHRI HDSS.RD05-08 ACDIS HIV 2011 [Data set]. Africa Health Research Institute. DOI:<https://doi.org/10.23664/RD05-08.ACDIS.HIV.2011>

Files Description

Dataset contains 1 file(s)

RD05-08 ACDIS HIV 2011	
# Cases	38153
# Variable(s)	63

Variables List

Dataset contains 63 variable(s)

File RD05-08 ACDIS HIV 2011							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	Question ..	Questionnaire Id	continuous	numeric-12.0	38153	0	-
2	Document ..	Document Status	discrete	character-100	38153	0	-
3	BMFStatu ..	BMFStatusObservation Id	continuous	numeric-12.0	25588	12565	-
4	Prematur ..	Premature Completion Reason	discrete	numeric-12.0	12542	25611	-
5	IIntId	Unique Internal Id of Individual	continuous	numeric-12.0	38153	0	-
6	Sex	Sex	discrete	numeric-12.0	38153	0	-
7	DateOfBi ..	Date of birth	discrete	character-11	38153	-	-
8	Resident	Residency status	discrete	numeric-12.0	38153	0	-
9	BSIntId	Unique Internal Id of BoundedStructures	continuous	numeric-12.0	38153	0	-
10	VisitDate	Visit Date	discrete	character-11	25588	-	-
11	VisitType	Visit Type	discrete	numeric-12.0	25588	12565	-
12	HIVRefused	HIV Refused	discrete	numeric-12.0	25588	12565	-
13	HIVRefus ..	HIV Refused By	discrete	numeric-12.0	25588	12565	-
14	HIVSampl ..	HIV Sample Available	discrete	numeric-12.0	25588	12565	-
15	HIVResult	HIV Result	discrete	numeric-12.0	25588	12565	-
16	CD4Count	CD4 Count	discrete	numeric-12.0	0	38153	-
17	CD4Pct	CD4 Percentage	discrete	numeric-12.0	0	38153	-
18	Preferre ..	Preferred Place ToTest	discrete	numeric-12.0	15516	22637	-
19	KnowsHIV ..	Knows HIV Status	discrete	numeric-12.0	15516	22637	-
20	WhenLast ..	When Last Tested	discrete	numeric-12.0	15516	22637	-
21	WhereLas ..	Where Last Tested	discrete	numeric-12.0	15516	22637	-
22	HeardAbo ..	Heard About ART	discrete	numeric-12.0	15516	22637	-
23	Believes ..	Believes ART Improves Health	discrete	numeric-12.0	15516	22637	-
24	KnowsWhe ..	Knows Where To ObtainART	discrete	numeric-12.0	15516	22637	-
25	FwkAttem ..	First Attempt FieldWorker	discrete	character-3	10164	0	-
26	FwkAttem ..	First Attempt Date	discrete	character-11	10164	-	-
27	FwkAttem ..	Second Attempt FieldWorker	discrete	character-3	6113	0	-
28	FwkAttem ..	Second Attempt Date	discrete	character-11	6113	-	-
29	FwkAttem ..	Third Attempt FieldWorker	discrete	character-3	4372	0	-
30	FwkAttem ..	Third Attempt Date	discrete	character-11	4372	-	-
31	FwkAttem ..	Fourth Attempt FieldWorker	discrete	character-3	2535	0	-
32	FwkAttem ..	Fourth Attempt Date	discrete	character-11	2535	-	-
33	TrkAttem ..	First Attempt Tracker	discrete	character-3	3824	0	-

File RD05-08 ACDIS HIV 2011							
#	Name	Label	Type	Format	Valid	Invalid	Question
34	TrkAttem ..	Tracker First Attempt Date	discrete	character-11	3824	-	-
35	TrkAttem ..	Second Attempt Tracker	discrete	character-3	3111	0	-
36	TrkAttem ..	Tracker Second Attempt Date	discrete	character-11	3111	-	-
37	TrkAttem ..	Third Attempt Tracker	discrete	character-3	2866	0	-
38	TrkAttem ..	Tracker Third Attempt Date	discrete	character-11	2866	-	-
39	TrkAttem ..	Fourth Attempt Tracker	discrete	character-3	2478	0	-
40	TrkAttem ..	Tracker Fourth Attempt Date	discrete	character-11	2478	-	-
41	HIVField ..	HIV FieldWorker	discrete	character-3	25588	0	-
42	WeekBlock	Week Block	discrete	character-5	38153	0	-
43	Isigodi	Isigodi	discrete	numeric-12.0	38153	0	-
44	LocalArea	LocalArea	discrete	numeric-12.0	38153	0	-
45	icRapidH ..	Rapid HIV Test Consent	discrete	character-1	25096	0	-
46	icConven ..	Conventional HIV Test Consent	discrete	numeric-12.0	25096	13057	-
47	icHomeDe ..	Home Delivery Consent	discrete	character-1	25096	0	-
48	icStored	Storage Consent	discrete	numeric-12.0	25096	13057	-
49	icTesting	Testing Consent	discrete	character-1	25096	0	-
50	icRecont ..	Recontact Sample Consent	discrete	numeric-12.0	25096	13057	-
51	icHealth	General Health Consent	discrete	numeric-12.0	25096	13057	-
52	icSexual ..	Sexual Behaviour Consent	discrete	numeric-12.0	25096	13057	-
53	icRecont ..	Recontac for QA Consent	discrete	numeric-12.0	25096	13057	-
54	icRecont ..	Recontact Other Info Consent	discrete	numeric-12.0	25096	13057	-
55	icLiving ..	Living Arrangements Consent	discrete	character-1	25096	0	-
56	icBiomea ..	Biomeasures	discrete	numeric-12.0	25096	13057	-
57	icFieldw ..	Fieldworker inform consent	discrete	character-3	25096	0	-
58	FormRefu ..	FormRefused	discrete	numeric-12.0	25588	12565	-
59	WasRefusal	Refusal	discrete	numeric-12.0	38153	0	-
60	RNFDocum ..	RNF Documen tId	continuous	numeric-12.0	1299	36854	-
61	RefusalI ..	Refusal IIntId	continuous	numeric-12.0	1296	36857	-
62	RefusalH ..	Refusal HH IntId	discrete	numeric-12.0	0	38153	-
63	RefusalW ..	Refusal Whole BS	discrete	numeric-2.0	1	38152	-

Variables Description

Dataset contains 63 variable(s)

File : RD05-08 ACDIS HIV 2011

QuestionnaireId: Questionnaire Id

Information [Type= continuous] [Format=numeric] [Range= 45507874-45676993] [Missing=*]

Statistics [NW/ W] [Valid=38153 /-] [Invalid=0 /-] [Mean=45537887 /-] [StdDev=42461.602 /-]

DocumentStatus: Document Status

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

Statistics [NW/ W] [Valid=38153 /-] [Invalid=0 /-]

BMFStatusObservation: BMFStatusObservation Id

Information [Type= continuous] [Format=numeric] [Range= 259106-299513] [Missing=*]

Statistics [NW/ W] [Valid=25588 /-] [Invalid=12565 /-] [Mean=277786.277 /-] [StdDev=11601.804 /-]

PrematureCompletionReason: Premature Completion Reason

Information [Type= discrete] [Format=numeric] [Range= 1-97] [Missing=*]

Statistics [NW/ W] [Valid=12542 /-] [Invalid=25611 /-]

Value	Label	Cases	Percentage
1	Stay in currently Avoided BS/HH	0	
2	Temporarily away for more than 2 months	0	
3	Non-Functional BS	41	0.3%
4	Reported Dead	389	3.1%
5	Household dissolution	0	
6	HH Migrated External	0	
7	Household Migrations	0	
8	HH Migrated Internal	0	
9	OutMigrated	4747	37.8%
10	Mentally Disabled	251	2.0%
11	Migrated unknown destination	269	2.1%
12	Non-Contact After Tracking	2661	21.2%
13	No HSE Informant	0	
14	Refused Bundles	0	
15	Refused HSE	0	
16	Refused Tracking	156	1.2%
17	Very Sick	304	2.4%
96	Other Reason	3724	29.7%
97	Not applicable	0	
Systemmiss		25611	

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

IntId: Unique Internal Id of Individual

Information [Type= continuous] [Format=numeric] [Range= 16-261243] [Missing=*]

Statistics [NW/ W] [Valid=38153 /-] [Invalid=0 /-] [Mean=61550.728 /-] [StdDev=41700.282 /-]

Sex: Sex

Information [Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]

Statistics [NW/ W] [Valid=38153 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Male	16022	42.0%

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Sex: Sex

Value	Label	Cases	Percentage
2	Female	22131	58.0%
9	Unknown	0	

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

DateOfBirth: Date of birth

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

Statistics [NW/ W] [Valid=38153 /-]

Resident: Residency status

Information [Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]

Statistics [NW/ W] [Valid=38153 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Yes	34993	91.7%
2	No	3160	8.3%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	0	
94	Query	0	
95	Default	0	
96	Other	0	
97	Not Applicable	0	
98	Don't know	0	
99	Missing	0	

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

BSIntId: Unique Internal Id of BoundedStructures

Information [Type= continuous] [Format=numeric] [Range= 11-16375] [Missing=*]

Statistics [NW/ W] [Valid=38153 /-] [Invalid=0 /-] [Mean=7204.276 /-] [StdDev=4508.042 /-]

VisitDate: Visit Date

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

Statistics [NW/ W] [Valid=25588 /-]

VisitType: Visit Type

Information [Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]

Statistics [NW/ W] [Valid=25588 /-] [Invalid=12565 /-]

Value	Label	Cases	Percentage
1	Avoided Visit	0	
2	Unsuccessful Visit	0	
3	Regular Visit	19346	75.6%
4	Special Task Visit	0	
5	Problem Solving	24	0.1%
6	Quality Control	0	
7	Spot Check	0	
8	Tracking	6218	24.3%

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VisitType: Visit Type

Value	Label	Cases	Percentage
9	Verbal Autopsy	0	
10	Mapping Visit	0	
11	COUNSELLING VISIT	0	
12	Illness And Death	0	
13	Bounded Structure Verification	0	
30	Community Liaison Office Visit	0	
92	Deprecated	0	
93	Refused Visit	0	
94	Query	0	
95	Default	0	
96	Other	0	
97	Not Applicable	0	
99	Missing	0	
Sysmiss		12565	

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

HIVRefused: HIV Refused

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=25588 /-] [Invalid=12565 /-]

Value	Label	Cases	Percentage
1	Yes	5175	20.2%
2	No	10383	40.6%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	0	
94	Query	0	
95	Default	0	
96	Other	0	
97	Not Applicable	10030	39.2%
98	Don't know	0	
99	Missing	0	
Sysmiss		12565	

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

HIVRefusedBy: HIV Refused By

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=25588 /-] [Invalid=12565 /-]

Value	Label	Cases	Percentage
1	Self	5176	20.2%
2	Partner	3	0.0%
3	HH head	0	
4	BS owner	0	
5	Other	0	
97	Not applicable	20409	79.8%

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HIVRefusedBy: HIV Refused By

Value	Label	Cases	Percentage
99	Missing	0	
Sysmiss		12565	

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

HIVSampleAvailable: HIV Sample Available

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=25588 /-] [Invalid=12565 /-]

Value	Label	Cases	Percentage
1	Yes	156	0.6%
2	No,but there is a BMFStatusObs	25432	99.4%
Sysmiss		12565	

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

HIVResult: HIV Result

Information	[Type= discrete] [Format=numeric] [Range= 0-99] [Missing=*]
Statistics [NW/ W]	[Valid=25588 /-] [Invalid=12565 /-]

Value	Label	Cases	Percentage
0	Negative	7917	30.9%
1	Positive	2457	9.6%
2	Indeterminate	7	0.0%
3	Insufficient sample volume	0	
4	Spurious (probably not this person)	2	0.0%
5	Spurious negative(HIV reverse seroconversion)	0	
6	Spurious positive(HIV reverse seroconversion)	0	
97	Not applicable	15205	59.4%
99	Missing (Sample lost)	0	
Sysmiss		12565	

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

CD4Count: CD4 Count

Information	[Type= discrete] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=38153 /-]

CD4Pct: CD4 Percentage

Information	[Type= discrete] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=38153 /-]

PreferredPlaceToTest: Preferred Place ToTest

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=15516 /-] [Invalid=22637 /-]

Value	Label	Cases	Percentage
1	At Counselling Centre	158	1.0%
2	At Clinic	8735	56.3%
3	Deprecated (i.e. Pre-2009)	0	
4	Don't know	57	0.4%

File : RD05-08 ACDIS HIV 2011

PreferredPlaceToTest: Preferred Place ToTest

Value	Label	Cases	Percentage
5	At home	5078	32.7%
6	At Hospital	164	1.1%
7	At Mobile Testing Unit	130	0.8%
8	At Private Doctor	622	4.0%
93	Refused	447	2.9%
96	Other	89	0.6%
99	Missing	36	0.2%
Systemmiss		22637	

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

KnowsHIVStatus: Knows HIV Status

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=15516 /-] [Invalid=22637 /-]

Value	Label	Cases	Percentage
1	Yes	9989	64.4%
2	No	5121	33.0%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	406	2.6%
94	Query	0	
95	Default	0	
96	Other	0	
97	Not Applicable	0	
98	Don't know	0	
99	Missing	0	
Systemmiss		22637	

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

WhenLastTested: When Last Tested

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=15516 /-] [Invalid=22637 /-]

Value	Label	Cases	Percentage
1	6 months to 1 year ago	3351	21.6%
2	In last 6 months	4947	31.9%
3	More than a year ago	1632	10.5%
93	Refused	428	2.8%
97	Not Applicable (i.e. pre-2010)	0	
99	Missing	5158	33.2%
Systemmiss		22637	

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

WhereLastTested: Where Last Tested

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=15516 /-] [Invalid=22637 /-]

File : RD05-08 ACDIS HIV 2011

WhereLastTested: Where Last Tested

Value	Label	Cases	Percentage
1	At Counselling Centre	135	0.9%
2	At Clinic	6963	44.9%
3	At home	1248	8.0%
4	At hospital	241	1.6%
5	At Mobile Testing Unit	406	2.6%
6	Not applicable (pre-2010)	0	
7	At Private Doctor	345	2.2%
8	At Ubumbano Lwentsha game	0	
93	Refused	395	2.5%
96	Other	637	4.1%
98	Don't know	5	0.0%
99	Missing	5141	33.1%
Sysmiss		22637	

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

HeardAboutART: Heard About ART

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=15516 /-] [Invalid=22637 /-]

Value	Label	Cases	Percentage
1	Yes	13606	87.7%
2	No	1402	9.0%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	508	3.3%
94	Query	0	
95	Default	0	
96	Other	0	
97	Not Applicable	0	
98	Don't know	0	
99	Missing	0	
Sysmiss		22637	

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

BelievesARTImprovesHealth: Believes ART Improves Health

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=15516 /-] [Invalid=22637 /-]

Value	Label	Cases	Percentage
1	Yes	12656	81.6%
2	No	88	0.6%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	12	0.1%
94	Query	0	
95	Default	0	

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BelievesARTImprovesHealth: Believes ART Improves Health

Value	Label	Cases	Percentage
96	Other	0	
97	Not Applicable	512	3.3%
98	Don't know	800	5.2%
99	Missing	1448	9.3%
Sysmiss		22637	

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

KnowsWhereToObtainART: Knows Where To ObtainART

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=15516 /-] [Invalid=22637 /-]

Value	Label	Cases	Percentage
1	Yes	12970	83.6%
2	No	570	3.7%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	34	0.2%
94	Query	0	
95	Default	0	
96	Other	0	
97	Not Applicable	1911	12.3%
98	Don't know	0	
99	Missing	31	0.2%
Sysmiss		22637	

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

FwkAttempt1FieldWorker: First Attempt FieldWorker

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=10164 /-] [Invalid=0 /-]

FwkAttempt1Date: First Attempt Date

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=10164 /-]

FwkAttempt2FieldWorker: Second Attempt FieldWorker

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=6113 /-] [Invalid=0 /-]

FwkAttempt2Date: Second Attempt Date

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=6113 /-]

FwkAttempt3FieldWorker: Third Attempt FieldWorker

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=4372 /-] [Invalid=0 /-]

File : RD05-08 ACDIS HIV 2011**# FwkAttempt3Date: Third Attempt Date****Information** [Type= discrete] [Format=character] [Missing=*]**Statistics [NW/ W]** [Valid=4372 /-]**# FwkAttempt4FieldWorker: Fourth Attempt FieldWorker****Information** [Type= discrete] [Format=character] [Missing=*]**Statistics [NW/ W]** [Valid=2535 /-] [Invalid=0 /-]**# FwkAttempt4Date: Fourth Attempt Date****Information** [Type= discrete] [Format=character] [Missing=*]**Statistics [NW/ W]** [Valid=2535 /-]**# TrkAttempt1FieldWorker: First Attempt Tracker****Information** [Type= discrete] [Format=character] [Missing=*]**Statistics [NW/ W]** [Valid=3824 /-] [Invalid=0 /-]**# TrkAttempt1Date: Tracker First Attempt Date****Information** [Type= discrete] [Format=character] [Missing=*]**Statistics [NW/ W]** [Valid=3824 /-]**# TrkAttempt2FieldWorker: Second Attempt Tracker****Information** [Type= discrete] [Format=character] [Missing=*]**Statistics [NW/ W]** [Valid=3111 /-] [Invalid=0 /-]**# TrkAttempt2Date: Tracker Second Attempt Date****Information** [Type= discrete] [Format=character] [Missing=*]**Statistics [NW/ W]** [Valid=3111 /-]**# TrkAttempt3FieldWorker: Third Attempt Tracker****Information** [Type= discrete] [Format=character] [Missing=*]**Statistics [NW/ W]** [Valid=2866 /-] [Invalid=0 /-]**# TrkAttempt3Date: Tracker Third Attempt Date****Information** [Type= discrete] [Format=character] [Missing=*]**Statistics [NW/ W]** [Valid=2866 /-]**# TrkAttempt4FieldWorker: Fourth Attempt Tracker****Information** [Type= discrete] [Format=character] [Missing=*]**Statistics [NW/ W]** [Valid=2478 /-] [Invalid=0 /-]**# TrkAttempt4Date: Tracker Fourth Attempt Date****Information** [Type= discrete] [Format=character] [Missing=*]**Statistics [NW/ W]** [Valid=2478 /-]**# HIVFieldWorker: HIV FieldWorker****Information** [Type= discrete] [Format=character] [Missing=*]**Statistics [NW/ W]** [Valid=25588 /-] [Invalid=0 /-]**# WeekBlock: Week Block****Information** [Type= discrete] [Format=character] [Missing=*]

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WeekBlock: Week Block

Statistics [NW/ W] [Valid=38153 /-] [Invalid=0 /-]

Isigodi: Isigodi

Information [Type= discrete] [Format=numeric] [Range= 1-999] [Missing=*]

Statistics [NW/ W] [Valid=38153 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Banzaneni	0	
2	Deprecated	0	
3	Dukumbane	0	
4	Dukuduku	0	
5	Ebaswazini	2331	6.1%
6	Egula (Hlabisa)	0	
7	Egula (Mdletshe)	0	
8	Ekuphisweni	0	
9	Empembeni	0	
10	Esiyembeni	796	2.1%
11	Gunjaneni	1142	3.0%
12	Hlabisa Mission	0	
13	Hlambanyathi	0	
14	Inhlawathi	0	
15	Khalokazi	0	
16	KwaMsane (Isigodi)	5354	14.0%
17	KwaMsane (Township)	2000	5.2%
18	KwaMseme	0	
19	Kwahoho	639	1.7%
20	Mabudeni	0	
21	Mabhokweni	0	
22	Machibini	2252	5.9%
23	Macekeni	0	
24	Macambini	677	1.8%
25	Madondo	0	
26	Mfekayi	0	
27	Mgangatho	0	
28	Mahunjini	410	1.1%
29	Makhambane	74	0.2%
30	Makopini	0	
31	Mapheleni	1770	4.6%
32	Mshaya	1101	2.9%
33	Mthwadhana	0	
34	Matshamnyama-East	0	
35	Matshamhlophe	0	
36	Matshamnyama-West	0	
37	Mathunzi	0	
38	Mvutshini	132	0.3%

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Isigodi: Isigodi

Value	Label	Cases	Percentage
39	Madwaleni	0	
40	Myeki	2853	7.5%
41	Ncwabakazi	0	
42	Ndlovu Village	1239	3.2%
43	Ngondini	0	
44	Nkundusi	0	
45	Nkolokotho	2607	6.8%
46	Nkombose	4163	10.9%
47	Makhowe	0	
48	Nomathiya	1105	2.9%
49	Nompondo	0	
50	Nqopheni	1852	4.9%
51	Nsolweni	1765	4.6%
52	Mthekwini	0	
53	Ogengele	2558	6.7%
54	Ophondweni	459	1.2%
55	Ophaphasi (Mdletshe)	0	
56	Ophaphasi (Mpukunyoni)	874	2.3%
57	Qakwini	0	
58	Qunwane	0	
59	Shikishela	0	
60	Stezi	0	
61	Sovane	0	
994	Query	0	
995	Default	0	
996	Other	0	
997	Not Applicable	0	
998	Don't know	0	
999	Missing	0	

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

LocalArea: LocalArea

Information	[Type= discrete] [Format=numeric] [Range= 1-9999] [Missing=*]
Statistics [NW/ W]	[Valid=38153 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	African	56	0.1%
2	Bhoboza	528	1.4%
3	Bhedangaye	369	1.0%
4	Bhekuzulu	142	0.4%
5	Buya	395	1.0%
6	Cakula	63	0.2%
7	Dubelenkunzi	1472	3.9%
8	Dukingane	64	0.2%
9	Dlokodlweni	165	0.4%

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LocalArea: LocalArea

Value	Label	Cases	Percentage
10	Ebhekani	58	0.2%
11	Ebaswazini	860	2.3%
12	Edutch	625	1.6%
13	Embotsheni	240	0.6%
14	Emambeni	51	0.1%
15	Emathuneni	238	0.6%
16	Esiyembeni	0	
17	Etsheni	313	0.8%
18	Ezinqaweni	294	0.8%
19	Ezimpehlweni	135	0.4%
20	Fukula	49	0.1%
21	Gagwini	102	0.3%
22	Gwabalanda	144	0.4%
23	Gugulethu	420	1.1%
24	Gunjaneni	1444	3.8%
25	Gwebu	61	0.2%
26	Igwedla	38	0.1%
27	Indlovu	0	
28	Kwamsane Reserve	3082	8.1%
29	Kwamsane Township	0	
30	KwaMsane Township Central (W3)	569	1.5%
31	KwaMsane Township North (W2)	718	1.9%
32	KwaMsane Township South (W4)	713	1.9%
33	Kwahoho	363	1.0%
34	Kwayoung	297	0.8%
35	Kwiliza	518	1.4%
36	Mashaya	205	0.5%
37	Mbomeni	254	0.7%
38	Machibini	291	0.8%
39	Macambini	354	0.9%
40	Mchachazo	81	0.2%
41	Mdlambila	201	0.5%
42	Mdolomba	895	2.3%
43	Mfolozi	240	0.6%
44	Magodi	59	0.2%
45	Magqayiza	49	0.1%
46	Mgeza	29	0.1%
47	Mahlabathini	48	0.1%
48	Mahunjini	152	0.4%
49	Majonijoni	87	0.2%
50	Makhandeni	98	0.3%
51	Mkhathazi	74	0.2%
52	Mcakwaneni	172	0.5%

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LocalArea: LocalArea

Value	Label	Cases	Percentage
53	Majamisa	118	0.3%
54	Manandi	289	0.8%
55	Mnyakaja	159	0.4%
56	Mnyaba	134	0.4%
57	Mapheleni	384	1.0%
58	Mpukunyoni	707	1.9%
59	Mshaya	638	1.7%
60	Mtshongweni	73	0.2%
61	Mtholo	257	0.7%
62	Machwetshana	289	0.8%
63	Myeki	132	0.3%
64	Mvananda	90	0.2%
65	Nondubela	218	0.6%
66	Ngodane	80	0.2%
67	Ninela	133	0.3%
68	Njojo	321	0.8%
69	Nkhobo	604	1.6%
70	Nkangala	171	0.4%
71	Nkolokotho	89	0.2%
72	Nkombose	2156	5.7%
73	Nkodibe	1429	3.7%
74	Nkatha	458	1.2%
75	Nkumbane	252	0.7%
76	Nkwalini	145	0.4%
77	Nkayeni	99	0.3%
78	Nomathiya	414	1.1%
79	Nqaweni North	81	0.2%
80	Nqaweni South	67	0.2%
81	Nqumbo	32	0.1%
82	Nsane	1771	4.6%
83	Nsolweni	429	1.1%
84	Ntandabantu	419	1.1%
85	Ntungwana	78	0.2%
86	Ntweni	457	1.2%
87	Nyalazi	108	0.3%
88	Ogeengele	423	1.1%
89	Okhalanja	147	0.4%
90	Paradise	127	0.3%
91	Qubuka	918	2.4%
92	Sibomvu	27	0.1%
93	Sgqogqogqweni	199	0.5%
94	Somkhele	1189	3.1%
95	Sunjwaneni	360	0.9%

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LocalArea: LocalArea

Value	Label	Cases	Percentage
96	Sobayeka	57	0.1%
97	Sogceke	67	0.2%
98	Swalihle	41	0.1%
99	Shayamoya	56	0.1%
100	Tamu	293	0.8%
101	Thandanani	694	1.8%
102	Vezunyawo	101	0.3%
103	Zibomvini	74	0.2%
104	Zululiyaduma	87	0.2%
105	Zimambeni	140	0.4%
106	Zinkonjane	720	1.9%
107	Zwelethu	38	0.1%
108	Indlovu Village	1239	3.2%
9993	Refused	0	
9994	Query	0	
9995	Default	0	
9996	Other	0	
9997	Not Applicable	0	
9998	Don't know	0	
9999	Missing	0	

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

icRapidHIVTest: Rapid HIV Test Consent

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=25096 /-] [Invalid=0 /-]

icConventionalHIVTest: Conventional HIV Test Consent

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=25096 /-] [Invalid=13057 /-]

Value	Label	Cases	Percentage
1	Consented	10402	41.4%
2	Did not consent	13682	54.5%
99	Missing	1012	4.0%
Systemmiss		13057	

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

icHomeDelivery: Home Delivery Consent

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=25096 /-] [Invalid=0 /-]

icStored: Storage Consent

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=25096 /-] [Invalid=13057 /-]

Value	Label	Cases	Percentage
1	Consented	10392	41.4%

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icStored: Storage Consent

Value	Label	Cases	Percentage
2	Did not consent	13677	54.5%
99	Missing	1027	4.1%
Sysmiss		13057	

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

icTesting: Testing Consent

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=25096 /-] [Invalid=0 /-]

icRecontactSample: Recontact Sample Consent

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=25096 /-] [Invalid=13057 /-]

Value	Label	Cases	Percentage
1	Consented	10412	41.5%
2	Did not consent	13656	54.4%
99	Missing	1028	4.1%
Sysmiss		13057	

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

# icHealth: General Health Consent			
Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]		
Statistics [NW/ W]	[Valid=25096 /-] [Invalid=13057 /-]		
Value	Label	Cases	Percentage
1	Consented	15034	59.9%
2	Did not consent	9042	36.0%
99	Missing	1020	4.1%
Sysmiss		13057	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# icSexualBehaviour: Sexual Behaviour Consent			
Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]		
Statistics [NW/ W]	[Valid=25096 /-] [Invalid=13057 /-]		
Value	Label	Cases	Percentage
1	Consented	8126	32.4%
2	Did not consent	15963	63.6%
99	Missing	1007	4.0%
Sysmiss		13057	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# icRecontactQA: Recontact for QA Consent			
Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]		
Statistics [NW/ W]	[Valid=25096 /-] [Invalid=13057 /-]		
Value	Label	Cases	Percentage
1	Consented	683	2.7%
2	Did not consent	23379	93.2%
99	Missing	1034	4.1%
Sysmiss		13057	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# icRecontactOtherInfo: Recontact Other Info Consent			
Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]		
Statistics [NW/ W]	[Valid=25096 /-] [Invalid=13057 /-]		
Value	Label	Cases	Percentage
1	Consented	13073	52.1%
2	Did not consent	11017	43.9%
99	Missing	1006	4.0%
Sysmiss		13057	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# icLivingArrangements: Living Arrangements Consent			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=25096 /-] [Invalid=0 /-]		
# icBiomeasures: Biomeasures			
Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]		
Statistics [NW/ W]	[Valid=25096 /-] [Invalid=13057 /-]		

# icBiomeasures: Biomeasures			
Value	Label	Cases	Percentage
1	Consented	0	
2	Did not consent	0	
99	Missing	25096	100.0%
Sysmiss		13057	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# icFieldworker: Fieldworker inform consent			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=25096 /-] [Invalid=0 /-]		
# FormRefused: FormRefused			
Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]		
Statistics [NW/ W]	[Valid=25588 /-] [Invalid=12565 /-]		
Value	Label	Cases	Percentage
1	Yes	10027	39.2%
2	No	15561	60.8%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	0	
94	Query	0	
95	Default	0	
96	Other	0	
97	Not Applicable	0	
98	Don't know	0	
99	Missing	0	
Sysmiss		12565	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# WasRefusal: Refusal			
Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]		
Statistics [NW/ W]	[Valid=38153 /-] [Invalid=0 /-]		
Value	Label	Cases	Percentage
1	Yes	1299	3.4%
2	No	36854	96.6%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	0	
94	Query	0	
95	Default	0	
96	Other	0	
97	Not Applicable	0	
98	Don't know	0	
99	Missing	0	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# RNFDocumentId: RNF Documen tId			
Information	[Type= continuous] [Format=numeric] [Range= 45531144-47776237] [Missing=*]		

# RNFDocumentId: RNF Document tId	
Statistics [NW/ W]	[Valid=1299 /-] [Invalid=36854 /-] [Mean=46047248.082 /-] [StdDev=617117.144 /-]
# RefusalIntId: Refusal IntId	
Information	[Type= continuous] [Format=numeric] [Range= 61-153086] [Missing=*]
Statistics [NW/ W]	[Valid=1296 /-] [Invalid=36857 /-] [Mean=58933.367 /-] [StdDev=37233.649 /-]
# RefusalHHIntId: Refusal HH IntId	
Information	[Type= discrete] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=38153 /-]
# RefusalWholeBS: Refusal Whole BS	
Information	[Type= discrete] [Format=numeric] [Range= 1-1] [Missing=*]
Statistics [NW/ W]	[Valid=1 /-] [Invalid=38152 /-]