

South Africa

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

AHRI HDSS.RD05-06 ACDIS HIV 2009

Study Documentation

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Metadata Production

Metadata Producer(s)	Africa Health Research Institute (AHRI)
Identification	DDI.RD05-06.ACDIS.HIV.2009

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AHRI HDSS.RD05-06 ACDIS HIV 2009

Overview	
Identification	RD05-06.ACDIS.HIV.2009
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 85,000 residents and non-residents from an area 438km² in size in uMkhanyakude district, KwaZulu-Natal province, South Africa.</p> <p>In 2009, The “Eligibility List” for Round 6 of the HIV Surveillance used 22 December 2009 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 10.0% (not 12.5%) 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 originally eligible, Resident and Non-resident, was 37,089, but this number was reduced a bit by merging of duplicated individuals and similar, so the final number in the dataset is 37,128.</p> <p>The field visits took place from January 2009 to Dec 2009. At the time of visit some people included in the Eligibility List were found to in fact be ineligible - perhaps because they were dead 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 <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>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)	2008-2009
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 Ording-Jespersion, Eugene Ehlers, Guy Harling, Maryam Shahmanesh, Mark Siedner, Willem Hanekom, Kobus Herbst, Cohort Profile Update: Africa Centre Demographic Information System (ACDIS) and population-based HIV survey, International Journal of Epidemiology, Volume 50, Issue 1, February 2021, Pages 33-34, <https://doi.org/10.1093/ije/dyaa264> 2. Tanser F, Hosegood V, 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
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Sampling

Sampling Procedure

All individuals meeting the eligibility criteria described in the abstract

Data Collection

Data Collection Dates	start 2008-01-19 end 2009-12-08
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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.RD05-06 ACDIS HIV 2009 [Data set]. Africa Health Research Institute. DOI:<https://doi.org/10.23664/RD05-06.ACDIS.HIV.2009>

Files Description

Dataset contains 1 file(s)

RD05-06 ACDIS HIV 2009	
# Cases	37088
# Variable(s)	55

Variables List

Dataset contains 55 variable(s)

File RD05-06 ACDIS HIV 2009							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	Question ..	Questionnaire Id	continuous	numeric-12.0	37088	0	-
2	Document ..	Document Status	discrete	character-100	37088	0	-
3	BMFStatu ..	BMFStatusObservation Id	continuous	numeric-12.0	26838	10250	-
4	Prematur ..	Premature Completion Reason	discrete	numeric-12.0	9996	27092	-
5	IIntId	Unique Internal Id of Individual	continuous	numeric-12.0	37088	0	-
6	Sex	Sex	discrete	numeric-12.0	37088	0	-
7	DateOfBi ..	Date of birth	discrete	character-11	37088	-	-
8	Resident	Residency status	discrete	numeric-12.0	37088	0	-
9	BSIntId	Unique Internal Id of BoundedStructures	continuous	numeric-12.0	37088	0	-
10	VisitDate	Visit Date	discrete	character-11	26838	-	-
11	VisitType	Visit Type	discrete	numeric-12.0	36837	251	-
12	HIVRefused	HIV Refused	discrete	numeric-12.0	26838	10250	-
13	HIVRefus ..	HIV Refused By	discrete	numeric-12.0	26838	10250	-
14	HIVSampl ..	HIV Sample Available	discrete	numeric-12.0	26838	10250	-
15	HIVResult	HIV Result	discrete	numeric-12.0	26838	10250	-
16	Preferre ..	Preferred Place ToTest	discrete	numeric-12.0	26792	10296	-
17	Preferre ..	Preferred Test Method	discrete	numeric-12.0	26792	10296	-
18	KnowsHIV ..	Knows HIV Status	discrete	numeric-12.0	26792	10296	-
19	HeardAbo ..	Heard About ART	discrete	numeric-12.0	26792	10296	-
20	Believes ..	Believes ART Improves Health	discrete	numeric-12.0	26792	10296	-
21	KnowsWhe ..	Knows Where To ObtainART	discrete	numeric-12.0	26792	10296	-
22	Believes ..	Believes ART Makes Talk Easier	discrete	numeric-12.0	26792	10296	-
23	FwkAttem ..	First Attempt FieldWorker	discrete	character-3	16314	0	-
24	FwkAttem ..	First Attempt Date	discrete	character-11	16314	-	-
25	FwkAttem ..	Second Attempt FieldWorker	discrete	character-3	7602	0	-
26	FwkAttem ..	Second Attempt Date	discrete	character-11	7602	-	-
27	FwkAttem ..	Third Attempt FieldWorker	discrete	character-3	4459	0	-
28	FwkAttem ..	Third Attempt Date	discrete	character-11	4459	-	-
29	FwkAttem ..	Fourth Attempt FieldWorker	discrete	character-3	1992	0	-
30	FwkAttem ..	Fourth Attempt Date	discrete	character-11	1992	-	-
31	TrkAttem ..	First Attempt Tracker	discrete	character-3	2342	0	-
32	TrkAttem ..	Tracker First Attempt Date	discrete	character-11	2342	-	-

File RD05-06 ACDIS HIV 2009							
#	Name	Label	Type	Format	Valid	Invalid	Question
33	TrkAttem ..	Second Attempt Tracker	discrete	character-3	1726	0	-
34	TrkAttem ..	Tracker Second Attempt Date	discrete	character-11	1726	-	-
35	TrkAttem ..	Third Attempt Tracker	discrete	character-3	1567	0	-
36	TrkAttem ..	Tracker Third Attempt Date	discrete	character-11	1567	-	-
37	TrkAttem ..	Fourth Attempt Tracker	discrete	character-3	1236	0	-
38	TrkAttem ..	Tracker Fourth Attempt Date	discrete	character-11	1236	-	-
39	HIVField ..	HIV FieldWorker	discrete	character-3	26838	0	-
40	WeekBlock	Week Block	discrete	character-5	37088	0	-
41	Isigodi	Isigodi	discrete	numeric-12.0	37088	0	-
42	LocalArea	LocalArea	discrete	numeric-12.0	37088	0	-
43	icRapidH..	Rapid HIV Test Consent	discrete	numeric-12.0	26793	10295	-
44	icConven ..	Conventional HIV Test Consent	discrete	numeric-12.0	26793	10295	-
45	icHomeDe ..	Home Delivery Consent	discrete	numeric-12.0	26793	10295	-
46	icStored	Storage Consent	discrete	numeric-12.0	26793	10295	-
47	icTesting	Testing Consent	discrete	numeric-12.0	26793	10295	-
48	icRecont ..	Recontact Sample Consent	discrete	numeric-12.0	26793	10295	-
49	icHealth	General Health Consent	discrete	numeric-12.0	26793	10295	-
50	icSexual ..	Sexual Behaviour Consent	discrete	numeric-12.0	26793	10295	-
51	icRecont ..	Recontac for QA Consent	discrete	numeric-12.0	26793	10295	-
52	icRecont ..	Recontact Other Info Consent	discrete	numeric-12.0	26793	10295	-
53	icLiving ..	Living Arrangements Consent	discrete	numeric-12.0	26793	10295	-
54	icFieldw ..	Fieldworker inform consent	discrete	character-3	25615	0	-
55	FormRefu ..	FormRefused	discrete	numeric-12.0	26838	10250	-

Variables Description

Dataset contains 55 variable(s)

File : RD05-06 ACDIS HIV 2009

QuestionnaireId: Questionnaire Id

Information [Type= continuous] [Format=numeric] [Range= 4880105-5313908] [Missing=*]

Statistics [NW/ W] [Valid=37088 /-] [Invalid=0 /-] [Mean=4919539.23 /-] [StdDev=76950.509 /-]

DocumentStatus: Document Status

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

Statistics [NW/ W] [Valid=37088 /-] [Invalid=0 /-]

BMFStatusObservation: BMFStatusObservation Id

Information [Type= continuous] [Format=numeric] [Range= 174131-339929] [Missing=*]

Statistics [NW/ W] [Valid=26838 /-] [Invalid=10250 /-] [Mean=192843.184 /-] [StdDev=11267.908 /-]

PrematureCompletionReason: Premature Completion Reason

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

Statistics [NW/ W] [Valid=9996 /-] [Invalid=27092 /-]

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	1	0.0%
4	Reported Dead	415	4.2%
5	Household dissolution	0	
6	HH Migrated External	0	
7	Household Migrations	0	
8	HH Migrated Internal	0	
9	OutMigrated	4600	46.0%
10	Mentally Disabled	266	2.7%
11	Migrated unknown destination	2273	22.7%
12	Non-Contact After Tracking	1546	15.5%
13	No HSE Informant	0	
14	Refused Bundles	0	
15	Refused HSE	0	
16	Refused Tracking	115	1.2%
17	Very Sick	159	1.6%
96	Other Reason	621	6.2%
97	Not applicable	0	
Sysmiss		27092	

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= 14-262741] [Missing=*]

Statistics [NW/ W] [Valid=37088 /-] [Invalid=0 /-] [Mean=60737.011 /-] [StdDev=39349.232 /-]

Sex: Sex

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

Statistics [NW/ W] [Valid=37088 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Male	15321	41.3%

File : RD05-06 ACDIS HIV 2009

Sex: Sex

Value	Label	Cases	Percentage
2	Female	21767	58.7%
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=37088 /-]

Resident: Residency status

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

Statistics [NW/ W] [Valid=37088 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Yes	34252	92.4%
2	No	2836	7.6%
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	

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= 11-15805] [Missing=*]

Statistics [NW/ W] [Valid=37088 /-] [Invalid=0 /-] [Mean=6843.65 /-] [StdDev=4213.077 /-]

VisitDate: Visit Date

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

Statistics [NW/ W] [Valid=26838 /-]

VisitType: Visit Type

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

Statistics [NW/ W] [Valid=36837 /-] [Invalid=251 /-]

Value	Label	Cases	Percentage
1	Avoided Visit	30	0.1%
2	Unsuccessful Visit	0	
3	Regular Visit	21295	57.8%
4	Special Task Visit	11	0.0%
5	Problem Solving	0	
6	Quality Control	0	
7	Spot Check	1	0.0%
8	Tracking	15493	42.1%

File : RD05-06 ACDIS HIV 2009

VisitType: Visit Type

Value	Label	Cases	Percentage
9	Verbal Autopsy	0	
10	Mapping Visit	1	0.0%
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	6	0.0%
94	Query	0	
95	Default	0	
96	Other	0	
97	Not Applicable	0	
99	Missing	0	
Sysmiss		251	

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=26838 /-] [Invalid=10250 /-]

Value	Label	Cases	Percentage
1	Yes	17980	67.0%
2	No	8858	33.0%
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		10250	

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=26838 /-] [Invalid=10250 /-]

Value	Label	Cases	Percentage
1	Self	15937	59.4%
2	Partner	338	1.3%
3	HH head	724	2.7%
4	BS owner	331	1.2%
5	Other	650	2.4%
97	Not applicable	8858	33.0%

File : RD05-06 ACDIS HIV 2009

HIVRefusedBy: HIV Refused By

Value	Label	Cases	Percentage
99	Missing	0	
Sysmiss		10250	

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=26838 /-] [Invalid=10250 /-]

Value	Label	Cases	Percentage
1	Yes	8858	33.0%
2	No,but there is a BMFStatusObs	17980	67.0%
Sysmiss		10250	

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=26838 /-] [Invalid=10250 /-]

Value	Label	Cases	Percentage
0	Negative	6927	25.8%
1	Positive	1909	7.1%
2	Indeterminate	15	0.1%
3	Insufficient sample volume	1	0.0%
4	Spurious (probably not this person)	6	0.0%
5	Spurious negative(HIV reverse seroconversion)	0	
6	Spurious positive(HIV reverse seroconversion)	0	
97	Not applicable	17980	67.0%
99	Missing (Sample lost)	0	
Sysmiss		10250	

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.

PreferredPlaceToTest: Preferred Place ToTest

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=26792 /-] [Invalid=10296 /-]

Value	Label	Cases	Percentage
1	At Counselling Centre	551	2.1%
2	At Clinic	3467	12.9%
3	Deprecated (i.e. Pre-2009)	0	
4	Don't know	181	0.7%
5	At home	8703	32.5%
6	At Hospital	183	0.7%
7	At Mobile Testing Unit	77	0.3%
8	At Private Doctor	630	2.4%
93	Refused	12899	48.1%
96	Other	92	0.3%
99	Missing	9	0.0%

File : RD05-06 ACDIS HIV 2009

PreferredPlaceToTest: Preferred Place ToTest

Value	Label	Cases	Percentage
Sysmiss		10296	

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.

PreferredTestMethod: Preferred Test Method

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=26792 /-] [Invalid=10296 /-]

Value	Label	Cases	Percentage
1	Dried blood-spot test and pick-up result at a Counselling Centre	3043	11.4%
2	Deprecated (i.e. all 2010 onwards)	1	0.0%
3	Dried blood-spot and home delivery of the result	6990	26.1%
4	VCT at home, performed by a HIV Counsellor	2203	8.2%
93	Refused	14548	54.3%
97	Not applicable (i.e. pre-2009)	0	
99	Missing	7	0.0%
Sysmiss		10296	

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=26792 /-] [Invalid=10296 /-]

Value	Label	Cases	Percentage
1	Yes	8475	31.6%
2	No	5581	20.8%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	12735	47.5%
94	Query	0	
95	Default	0	
96	Other	0	
97	Not Applicable	1	0.0%
98	Don?t know	0	
99	Missing	0	
Sysmiss		10296	

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=26792 /-] [Invalid=10296 /-]

Value	Label	Cases	Percentage
1	Yes	11622	43.4%
2	No	2410	9.0%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	12759	47.6%

File : RD05-06 ACDIS HIV 2009

HeardAboutART: Heard About ART

Value	Label	Cases	Percentage
94	Query	0	
95	Default	0	
96	Other	0	
97	Not Applicable	1	0.0%
98	Don?t know	0	
99	Missing	0	
Sysmiss		10296	

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=26792 /-] [Invalid=10296 /-]

Value	Label	Cases	Percentage
1	Yes	10375	38.7%
2	No	278	1.0%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	29	0.1%
94	Query	0	
95	Default	0	
96	Other	0	
97	Not Applicable	12759	47.6%
98	Don?t know	918	3.4%
99	Missing	2433	9.1%
Sysmiss		10296	

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=26792 /-] [Invalid=10296 /-]

Value	Label	Cases	Percentage
1	Yes	10279	38.4%
2	No	1291	4.8%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	33	0.1%
94	Query	0	
95	Default	0	
96	Other	0	
97	Not Applicable	15174	56.6%
98	Don?t know	0	
99	Missing	15	0.1%
Sysmiss		10296	

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.

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BelievesARTMakesTalkEasier: Believes ART Makes Talk Easier

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

Statistics [NW/ W] [Valid=26792 /-] [Invalid=10296 /-]

Value	Label	Cases	Percentage
1	Yes	10390	38.8%
2	No	849	3.2%
90	SpecialQuery	0	
92	Deprecated	1	0.0%
93	Refused	348	1.3%
94	Query	0	
95	Default	0	
96	Other	0	
97	Not Applicable	12762	47.6%
98	Don?t know	0	
99	Missing	2442	9.1%
Sysmiss		10296	

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=16314 /-] [Invalid=0 /-]

FwkAttempt1Date: First Attempt Date

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

Statistics [NW/ W] [Valid=16314 /-]

FwkAttempt2FieldWorker: Second Attempt FieldWorker

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

Statistics [NW/ W] [Valid=7602 /-] [Invalid=0 /-]

FwkAttempt2Date: Second Attempt Date

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

Statistics [NW/ W] [Valid=7602 /-]

FwkAttempt3FieldWorker: Third Attempt FieldWorker

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

Statistics [NW/ W] [Valid=4459 /-] [Invalid=0 /-]

FwkAttempt3Date: Third Attempt Date

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

Statistics [NW/ W] [Valid=4459 /-]

FwkAttempt4FieldWorker: Fourth Attempt FieldWorker

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

Statistics [NW/ W] [Valid=1992 /-] [Invalid=0 /-]

FwkAttempt4Date: Fourth Attempt Date

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

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FwkAttempt4Date: Fourth Attempt Date

Statistics [NW/ W] [Valid=1992 /-]

TrkAttempt1FieldWorker: First Attempt Tracker

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

Statistics [NW/ W] [Valid=2342 /-] [Invalid=0 /-]

TrkAttempt1Date: Tracker First Attempt Date

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

Statistics [NW/ W] [Valid=2342 /-]

TrkAttempt2FieldWorker: Second Attempt Tracker

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

Statistics [NW/ W] [Valid=1726 /-] [Invalid=0 /-]

TrkAttempt2Date: Tracker Second Attempt Date

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

Statistics [NW/ W] [Valid=1726 /-]

TrkAttempt3FieldWorker: Third Attempt Tracker

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

Statistics [NW/ W] [Valid=1567 /-] [Invalid=0 /-]

TrkAttempt3Date: Tracker Third Attempt Date

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

Statistics [NW/ W] [Valid=1567 /-]

TrkAttempt4FieldWorker: Fourth Attempt Tracker

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

Statistics [NW/ W] [Valid=1236 /-] [Invalid=0 /-]

TrkAttempt4Date: Tracker Fourth Attempt Date

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

Statistics [NW/ W] [Valid=1236 /-]

HIVFieldWorker: HIV FieldWorker

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

Statistics [NW/ W] [Valid=26838 /-] [Invalid=0 /-]

WeekBlock: Week Block

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

Statistics [NW/ W] [Valid=37088 /-] [Invalid=0 /-]

Isigodi: Isigodi

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

Statistics [NW/ W] [Valid=37088 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Banzaneni	0	
2	Deprecated	0	

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Isigodi: Isigodi

Value	Label	Cases	Percentage
3	Dukumbane	0	
4	Dukuduku	0	
5	Ebaswazini	2203	5.9%
6	Egula (Hlabisa)	0	
7	Egula (Mdletshe)	0	
8	Ekuphisweni	0	
9	Empembeni	0	
10	Esiyembeni	797	2.1%
11	Gunjaneni	1039	2.8%
12	Hlabisa Mission	0	
13	Hlambanyathi	0	
14	Inhlawathi	0	
15	Khalokazi	0	
16	KwaMsane (Isigodi)	5039	13.6%
17	KwaMsane (Township)	2363	6.4%
18	KwaMseme	0	
19	Kwahoho	631	1.7%
20	Mabudeni	0	
21	Mabhokweni	0	
22	Machibini	2179	5.9%
23	Macekeni	0	
24	Macambini	609	1.6%
25	Madondo	0	
26	Mfekayi	0	
27	Mgangatho	0	
28	Mahunjini	372	1.0%
29	Makhambane	63	0.2%
30	Makopini	0	
31	Mapheleni	1700	4.6%
32	Mshaya	1222	3.3%
33	Mthwadhana	0	
34	Matshamnyama-East	0	
35	Matshamhlophe	0	
36	Matshamnyama-West	0	
37	Mathunzi	0	
38	Mvutshini	123	0.3%
39	Madwaleni	0	
40	Myeki	2627	7.1%
41	Ncwabakazi	0	
42	Ndlovu Village	1188	3.2%
43	Ngondini	0	
44	Nkundusi	0	
45	Nkolokotho	2528	6.8%

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Isigodi: Isigodi

Value	Label	Cases	Percentage
46	Nkombose	3968	10.7%
47	Makhowe	0	
48	Nomathiya	1114	3.0%
49	Nompondo	0	
50	Nqopheni	1710	4.6%
51	Nsolweni	1700	4.6%
52	Mthekwini	0	
53	Ogengele	2576	6.9%
54	Ophondweni	454	1.2%
55	Ophaphasi (Mdletshe)	0	
56	Ophaphasi (Mpukunyoni)	883	2.4%
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

Value	Label	Cases	Percentage
1	African	58	0.2%
2	Bhoboza	519	1.4%
3	Bhedangaye	301	0.8%
4	Bhekuzulu	152	0.4%
5	Buya	363	1.0%
6	Cakula	53	0.1%
7	Dubelenkunzi	1405	3.8%
8	Dukingane	46	0.1%
9	Dlokodlweni	185	0.5%
10	Ebhekani	45	0.1%
11	Ebaswazini	859	2.3%
12	Edutch	568	1.5%
13	Embotsheni	218	0.6%
14	Emambeni	44	0.1%
15	Emathuneni	225	0.6%
16	Esiyembeni	0	

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LocalArea: LocalArea

Value	Label	Cases	Percentage
17	Etsheni	357	1.0%
18	Ezinqaweni	308	0.8%
19	Ezimpehlweni	113	0.3%
20	Fukula	44	0.1%
21	Gagwini	123	0.3%
22	Gwabalanda	138	0.4%
23	Gugulethu	403	1.1%
24	Gunjaneni	1342	3.6%
25	Gwebu	53	0.1%
26	Igwedla	36	0.1%
27	Indlovu	0	
28	Kwamsane Reserve	2842	7.7%
29	Kwamsane Township	0	
30	KwaMsane Township Central (W3)	681	1.8%
31	KwaMsane Township North (W2)	840	2.3%
32	KwaMsane Township South (W4)	842	2.3%
33	Kwahoho	373	1.0%
34	Kwayoung	278	0.7%
35	Kwiliza	488	1.3%
36	Mashaya	210	0.6%
37	Mbomeni	263	0.7%
38	Machibini	268	0.7%
39	Macambini	316	0.9%
40	Mchachazo	85	0.2%
41	Mdlambila	192	0.5%
42	Mdolomba	856	2.3%
43	Mfolozi	220	0.6%
44	Magodi	66	0.2%
45	Magqayiza	61	0.2%
46	Mgeza	35	0.1%
47	Mahlabathini	52	0.1%
48	Mahunjini	140	0.4%
49	Majonijoni	87	0.2%
50	Makhandeni	93	0.3%
51	Mkhathazi	79	0.2%
52	Mcakwaneni	172	0.5%
53	Majamisa	132	0.4%
54	Manandi	266	0.7%
55	Mnyakaja	151	0.4%
56	Mnyaba	128	0.3%
57	Mapheleni	384	1.0%
58	Mpukunyoni	677	1.8%
59	Mshaya	701	1.9%

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LocalArea: LocalArea

Value	Label	Cases	Percentage
60	Mtshongweni	72	0.2%
61	Mtholo	244	0.7%
62	Machwetshana	283	0.8%
63	Myeki	141	0.4%
64	Mvananda	72	0.2%
65	Nondubela	204	0.6%
66	Ngodane	77	0.2%
67	Ninela	131	0.4%
68	Njojo	347	0.9%
69	Nkhobo	549	1.5%
70	Nkangala	150	0.4%
71	Nkolokotho	144	0.4%
72	Nkombose	2094	5.6%
73	Nkodibe	1283	3.5%
74	Nkatha	456	1.2%
75	Nkumbane	228	0.6%
76	Nkwalini	158	0.4%
77	Nkayeni	91	0.2%
78	Nomathiya	408	1.1%
79	Nqaweni North	78	0.2%
80	Nqaweni South	67	0.2%
81	Nqumbo	29	0.1%
82	Nsane	1691	4.6%
83	Nsolweni	393	1.1%
84	Ntandabantu	429	1.2%
85	Ntungwana	72	0.2%
86	Ntweni	419	1.1%
87	Nyalazi	102	0.3%
88	Ogengele	421	1.1%
89	Okhalanja	156	0.4%
90	Paradise	111	0.3%
91	Qubuka	822	2.2%
92	Sibomvu	40	0.1%
93	Sgqogqogqweni	173	0.5%
94	Somkhele	1092	2.9%
95	Sunjwaneni	326	0.9%
96	Sobayeka	53	0.1%
97	Sogceke	70	0.2%
98	Swalihle	35	0.1%
99	Shayamoya	68	0.2%
100	Tamu	277	0.7%
101	Thandanani	696	1.9%
102	Vezunyawo	129	0.3%

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LocalArea: LocalArea

Value	Label	Cases	Percentage
103	Zibomvini	80	0.2%
104	Zululiyaduma	86	0.2%
105	Zimambeni	154	0.4%
106	Zinkonjane	724	2.0%
107	Zwelethu	39	0.1%
108	Indlovu Village	1188	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=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=26793 /-] [Invalid=10295 /-]

Value	Label	Cases	Percentage
1	Consented	601	2.2%
2	Did not consent	13000	48.5%
99	Missing	13192	49.2%
Sysmiss		10295	

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.

icConventionalHIVTest: Conventional HIV Test Consent

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=26793 /-] [Invalid=10295 /-]

Value	Label	Cases	Percentage
1	Consented	8792	32.8%
2	Did not consent	5143	19.2%
99	Missing	12858	48.0%
Sysmiss		10295	

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=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=26793 /-] [Invalid=10295 /-]

Value	Label	Cases	Percentage
1	Consented	6485	24.2%
2	Did not consent	7452	27.8%
99	Missing	12856	48.0%
Sysmiss		10295	

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.

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icStored: Storage Consent

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

Statistics [NW/ W] [Valid=26793 /-] [Invalid=10295 /-]

Value	Label	Cases	Percentage
1	Consented	8762	32.7%
2	Did not consent	5175	19.3%
99	Missing	12856	48.0%
Sysmiss		10295	

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=numeric] [Range= 1-99] [Missing=*]

Statistics [NW/ W] [Valid=26793 /-] [Invalid=10295 /-]

Value	Label	Cases	Percentage
1	Consented	8265	30.8%
2	Did not consent	5676	21.2%
99	Missing	12852	48.0%
Sysmiss		10295	

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.

icRecontactSample: Recontact Sample Consent

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

Statistics [NW/ W] [Valid=26793 /-] [Invalid=10295 /-]

Value	Label	Cases	Percentage
1	Consented	8736	32.6%
2	Did not consent	5195	19.4%
99	Missing	12862	48.0%
Sysmiss		10295	

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=26793 /-] [Invalid=10295 /-]

Value	Label	Cases	Percentage
1	Consented	12936	48.3%
2	Did not consent	1060	4.0%
99	Missing	12797	47.8%
Sysmiss		10295	

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.

icSexualBehaviour: Sexual Behaviour Consent

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

Statistics [NW/ W] [Valid=26793 /-] [Invalid=10295 /-]

Value	Label	Cases	Percentage
1	Consented	8577	32.0%
2	Did not consent	5394	20.1%

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Value	Label	Cases	Percentage
99	Missing	12822	47.9%
Sysmiss		10295	

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.

# icRecontactQA: Recontact for QA Consent			
Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]		
Statistics [NW/ W]	[Valid=26793 /-] [Invalid=10295 /-]		
Value	Label	Cases	Percentage
1	Consented	911	3.4%
2	Did not consent	13029	48.6%
99	Missing	12853	48.0%
Sysmiss		10295	
<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=26793 /-] [Invalid=10295 /-]		
Value	Label	Cases	Percentage
1	Consented	11012	41.1%
2	Did not consent	2945	11.0%
99	Missing	12836	47.9%
Sysmiss		10295	
<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=numeric] [Range= 1-99] [Missing=*]		
Statistics [NW/ W]	[Valid=26793 /-] [Invalid=10295 /-]		
Value	Label	Cases	Percentage
1	Consented	802	3.0%
2	Did not consent	92	0.3%
99	Missing	25899	96.7%
Sysmiss		10295	
<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=25615 /-] [Invalid=0 /-]		
# FormRefused: FormRefused			
Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]		
Statistics [NW/ W]	[Valid=26838 /-] [Invalid=10250 /-]		
Value	Label	Cases	Percentage
1	Yes	0	
2	No	1	0.0%
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	

FormRefused: FormRefused

Value	Label	Cases	Percentage
99	Missing	26837	100.0%
Sysmiss		10250	

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.