

South Africa

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AHRI HDSS.RD05-09 ACDIS HIV 2012

Study Documentation

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Metadata Production

Metadata Producer(s)	Africa Health Research Institute (AHRI)
Identification	DDI.RD05-09.ACDIS.HIV.2012

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AHRI HDSS.RD05-09 ACDIS HIV 2012

Overview	
Identification	RD05-09.ACDIS.HIV.2012
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>The 2012 HIV annual survey field visits took place between January 2012 to December 2012. The annual HIV surveillance involved drawing, at the start of each data collection surveillance round, an “Eligibility List” of all adult eligible individuals, and then, during the data collection round, attempting to visit and contact those individuals. 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 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 PrematureCompletionReason = ?? (i.e.Non-Contact). Additionally, a small number were contacted but refused to participate in the survey. They are identifiable by VisitType = Refused. Finally, there are some who participated in the survey, but refused the HIV test offered. They are identifiable as HIVRefused = 'Y'.</p> <p>This dataset includes only those included in the Eligibility List.</p> <p>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.</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 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.</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)	2012
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 2012-01-24 end 2012-12-26
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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.RD05-09 ACDIS HIV 2012 [Data set]. Africa Health Research Institute. DOI:<https://doi.org/10.23664/RD05-09.ACDIS.HIV.2012>

Files Description

Dataset contains 1 file(s)

RD05-09 ACDIS HIV 2012	
# Cases	37888
# Variable(s)	57

Variables List

Dataset contains 57 variable(s)

File RD05-09 ACDIS HIV 2012							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	Question ..	Questionnaire Id	continuous	numeric-12.0	37888	0	-
2	Document ..	Document Status	discrete	character-100	37888	0	-
3	BMFStatu ..	BMFStatusObservation Id	continuous	numeric-12.0	23559	14329	-
4	Prematur ..	Premature Completion Reason	discrete	numeric-12.0	14322	23566	-
5	IIntId	Unique Internal Id of Individual	continuous	numeric-12.0	37888	0	-
6	Sex	Sex	discrete	numeric-12.0	37888	0	-
7	DateOfBi ..	Date of birth	discrete	character-11	37888	-	-
8	Resident	Residency status	discrete	numeric-12.0	37888	0	-
9	BSIntId	Unique Internal Id of BoundedStructures	continuous	numeric-12.0	37888	0	-
10	VisitDate	Visit Date	discrete	character-11	37887	-	-
11	VisitType	Visit Type	discrete	numeric-12.0	37887	1	-
12	FormRefu ..	FormRefused	discrete	numeric-12.0	23559	14329	-
13	FormRefu ..	Form Refused By	discrete	numeric-12.0	23559	14329	-
14	HIVRefused	HIV Refused	discrete	numeric-12.0	23559	14329	-
15	HIVRefus ..	HIV Refused By	discrete	numeric-12.0	23559	14329	-
16	HIVSampl ..	HIV Sample Available	discrete	numeric-12.0	23559	14329	-
17	HIVResult	HIV Result	discrete	numeric-12.0	23559	14329	-
18	Preferre ..	Preferred Place ToTest	discrete	numeric-12.0	15188	22700	-
19	KnowsHIV ..	Knows HIV Status	discrete	numeric-12.0	15188	22700	-
20	WhenLast ..	When Last Tested	discrete	numeric-12.0	15188	22700	-
21	WhereLas ..	Where Last Tested	discrete	numeric-12.0	15188	22700	-
22	HeardAbo ..	Heard About ART	discrete	numeric-12.0	15188	22700	-
23	Believes ..	Believes ART Improves Health	discrete	numeric-12.0	15188	22700	-
24	KnowsWhe ..	Knows Where To ObtainART	discrete	numeric-12.0	15188	22700	-
25	FwkAttem ..	First Attempt FieldWorker	discrete	character-3	7813	0	-
26	FwkAttem ..	First Attempt Date	discrete	character-11	7813	-	-
27	FwkAttem ..	Second Attempt FieldWorker	discrete	character-3	5779	0	-
28	FwkAttem ..	Second Attempt Date	discrete	character-11	5779	-	-
29	FwkAttem ..	Third Attempt FieldWorker	discrete	character-3	4428	0	-
30	FwkAttem ..	Third Attempt Date	discrete	character-11	4428	-	-
31	FwkAttem ..	Fourth Attempt FieldWorker	discrete	character-3	2231	0	-
32	FwkAttem ..	Fourth Attempt Date	discrete	character-11	2231	-	-
33	TrkAttem ..	First Attempt Tracker	discrete	character-3	3167	0	-

File RD05-09 ACDIS HIV 2012							
#	Name	Label	Type	Format	Valid	Invalid	Question
34	TrkAttem ..	Tracker First Attempt Date	discrete	character-11	3167	-	-
35	TrkAttem ..	Second Attempt Tracker	discrete	character-3	2484	0	-
36	TrkAttem ..	Tracker Second Attempt Date	discrete	character-11	2484	-	-
37	TrkAttem ..	Third Attempt Tracker	discrete	character-3	1978	0	-
38	TrkAttem ..	Tracker Third Attempt Date	discrete	character-11	1978	-	-
39	TrkAttem ..	Fourth Attempt Tracker	discrete	character-3	1353	0	-
40	TrkAttem ..	Tracker Fourth Attempt Date	discrete	character-11	1353	-	-
41	HIVField ..	HIV FieldWorker	discrete	character-3	23559	0	-
42	WeekBlock	Week Block	discrete	character-5	37888	0	-
43	Isigodi	Isigodi	discrete	numeric-12.0	37888	0	-
44	LocalArea	LocalArea	discrete	numeric-12.0	37888	0	-
45	icRapidH ..	Rapid HIV Test Consent	discrete	character-1	22801	0	-
46	icConven ..	Conventional HIV Test Consent	discrete	numeric-12.0	22801	15087	-
47	icHomeDe ..	Home Delivery Consent	discrete	character-1	22801	0	-
48	icStored	Storage Consent	discrete	numeric-12.0	22801	15087	-
49	icTesting	Testing Consent	discrete	character-1	22801	0	-
50	icRecont ..	Recontact Sample Consent	discrete	numeric-12.0	22801	15087	-
51	icHealth	General Health Consent	discrete	numeric-12.0	22801	15087	-
52	icSexual ..	Sexual Behaviour Consent	discrete	numeric-12.0	22801	15087	-
53	icRecont ..	Recontac for QA Consent	discrete	numeric-12.0	22801	15087	-
54	icRecont ..	Recontact Other Info Consent	discrete	numeric-12.0	22801	15087	-
55	icLiving ..	Living Arrangements Consent	discrete	character-1	22801	0	-
56	icBiomea ..	Biomeasures	discrete	character-1	22801	0	-
57	icFieldw ..	Fieldworker inform consent	discrete	character-3	22801	0	-

Variables Description

Dataset contains 57 variable(s)

File : RD05-09 ACDIS HIV 2012

QuestionnaireId: Questionnaire Id

Information [Type= continuous] [Format=numeric] [Range= 48873801-48915530] [Missing=*]

Statistics [NW/ W] [Valid=37888 /-] [Invalid=0 /-] [Mean=48894616.956 /-] [StdDev=12052.108 /-]

DocumentStatus: Document Status

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

Statistics [NW/ W] [Valid=37888 /-] [Invalid=0 /-]

BMFStatusObservation: BMFStatusObservation Id

Information [Type= continuous] [Format=numeric] [Range= 299514-339604] [Missing=*]

Statistics [NW/ W] [Valid=23559 /-] [Invalid=14329 /-] [Mean=318365.012 /-] [StdDev=11327.423 /-]

PrematureCompletionReason: Premature Completion Reason

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

Statistics [NW/ W] [Valid=14322 /-] [Invalid=23566 /-]

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	7	0.0%
4	Reported Dead	414	2.9%
5	Household dissolution	0	
6	HH Migrated External	0	
7	Household Migrations	0	
8	HH Migrated Internal	0	
9	OutMigrated	5140	35.9%
10	Mentally Disabled	267	1.9%
11	Migrated unknown destination	763	5.3%
12	Non-Contact After Tracking	2570	17.9%
13	No HSE Informant	0	
14	Refused Bundles	0	
15	Refused HSE	0	
16	Refused Tracking	4	0.0%
17	Very Sick	370	2.6%
96	Other Reason	4787	33.4%
97	Not applicable	0	
Systemmiss		23566	

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= 16-260784] [Missing=*]

Statistics [NW/ W] [Valid=37888 /-] [Invalid=0 /-] [Mean=66217.106 /-] [StdDev=44778.002 /-]

Sex: Sex

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

Statistics [NW/ W] [Valid=37888 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Male	15903	42.0%

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Sex: Sex

Value	Label	Cases	Percentage
2	Female	21985	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=37888 /-]

Resident: Residency status

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

Statistics [NW/ W] [Valid=37888 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Yes	37888	100.0%
2	No	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	

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= 11-17291] [Missing=*]

Statistics [NW/ W] [Valid=37888 /-] [Invalid=0 /-] [Mean=7547.241 /-] [StdDev=4769.416 /-]

VisitDate: Visit Date

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

Statistics [NW/ W] [Valid=37887 /-]

VisitType: Visit Type

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

Statistics [NW/ W] [Valid=37887 /-] [Invalid=1 /-]

Value	Label	Cases	Percentage
1	Avoided Visit	15	0.0%
2	Unsuccessful Visit	2773	7.3%
3	Regular Visit	25951	68.5%
4	Special Task Visit	5	0.0%
5	Problem Solving	0	
6	Quality Control	0	
7	Spot Check	0	
8	Tracking	9143	24.1%

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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		1	

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.

FormRefused: FormRefused

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=23559 /-] [Invalid=14329 /-]

Value	Label	Cases	Percentage
1	Yes	8247	35.0%
2	No	15312	65.0%
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		14329	

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.

FormRefusedBy: Form Refused By

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=23559 /-] [Invalid=14329 /-]

Value	Label	Cases	Percentage
1	Self	7841	33.3%
2	Partner	55	0.2%
3	HH head	138	0.6%
4	BS owner	75	0.3%
5	Other	138	0.6%
97	Not applicable	15312	65.0%

File : RD05-09 ACDIS HIV 2012

FormRefusedBy: Form Refused By

Value	Label	Cases	Percentage
99	Missing	0	
Sysmiss		14329	

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=23559 /-] [Invalid=14329 /-]

Value	Label	Cases	Percentage
1	Yes	7387	31.4%
2	No	7916	33.6%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	0	
94	Query	0	
95	Default	0	
96	Other	0	
97	Not Applicable	8256	35.0%
98	Don't know	0	
99	Missing	0	
Sysmiss		14329	

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=23559 /-] [Invalid=14329 /-]

Value	Label	Cases	Percentage
1	Self	7363	31.3%
2	Partner	5	0.0%
3	HH head	5	0.0%
4	BS owner	0	
5	Other	15	0.1%
97	Not applicable	16171	68.6%
99	Missing	0	
Sysmiss		14329	

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=23559 /-] [Invalid=14329 /-]

Value	Label	Cases	Percentage
1	Yes	94	0.4%
2	No, but there is a BMFStatusObs	23465	99.6%
Sysmiss		14329	

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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HIVResult: HIV Result

Information [Type= discrete] [Format=numeric] [Range= 0-99] [Missing=*]

Statistics [NW/ W] [Valid=23559 /-] [Invalid=14329 /-]

Value	Label	Cases	Percentage
0	Negative	5940	25.2%
1	Positive	1957	8.3%
2	Indeterminate	0	
3	Insufficient sample volume	11	0.0%
4	Spurious (probably not this person)	6	0.0%
5	Spurious negative(HIV reverse seroconversion)	0	
6	Spurious positive(HIV reverse seroconversion)	1	0.0%
97	Not applicable	15643	66.4%
99	Missing (Sample lost)	1	0.0%
Sysmiss		14329	

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=15188 /-] [Invalid=22700 /-]

Value	Label	Cases	Percentage
1	At Counselling Centre	69	0.5%
2	At Clinic	12012	79.1%
3	Deprecated (i.e. Pre-2009)	0	
4	Don't know	56	0.4%
5	At home	1698	11.2%
6	At Hospital	142	0.9%
7	At Mobile Testing Unit	111	0.7%
8	At Private Doctor	426	2.8%
93	Refused	472	3.1%
96	Other	62	0.4%
99	Missing	140	0.9%
Sysmiss		22700	

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=15188 /-] [Invalid=22700 /-]

Value	Label	Cases	Percentage
1	Yes	9762	64.3%
2	No	4867	32.0%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	431	2.8%
94	Query	0	
95	Default	0	

File : RD05-09 ACDIS HIV 2012

KnowsHIVStatus: Knows HIV Status

Value	Label	Cases	Percentage
96	Other	0	
97	Not Applicable	128	0.8%
98	Don't know	0	
99	Missing	0	
Sysmiss		22700	

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=15188 /-] [Invalid=22700 /-]

Value	Label	Cases	Percentage
1	6 months to 1 year ago	3830	25.2%
2	In last 6 months	4392	28.9%
3	More than a year ago	1477	9.7%
93	Refused	482	3.2%
97	Not Applicable (i.e. pre-2010)	0	
99	Missing	5007	33.0%
Sysmiss		22700	

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=15188 /-] [Invalid=22700 /-]

Value	Label	Cases	Percentage
1	At Counselling Centre	70	0.5%
2	At Clinic	8087	53.2%
3	At home	395	2.6%
4	At hospital	242	1.6%
5	At Mobile Testing Unit	250	1.6%
6	Not applicable (pre-2010)	0	
7	At Private Doctor	256	1.7%
8	At Ubumbano Lwentsha game	0	
93	Refused	432	2.8%
96	Other	453	3.0%
98	Don't know	4	0.0%
99	Missing	4999	32.9%
Sysmiss		22700	

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=15188 /-] [Invalid=22700 /-]

Value	Label	Cases	Percentage
1	Yes	12800	84.3%

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HeardAboutART: Heard About ART

Value	Label	Cases	Percentage
2	No	1552	10.2%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	707	4.7%
94	Query	0	
95	Default	0	
96	Other	0	
97	Not Applicable	129	0.8%
98	Don't know	0	
99	Missing	0	
Sysmiss		22700	

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=15188 /-] [Invalid=22700 /-]

Value	Label	Cases	Percentage
1	Yes	12045	79.3%
2	No	151	1.0%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	16	0.1%
94	Query	0	
95	Default	0	
96	Other	0	
97	Not Applicable	711	4.7%
98	Don't know	543	3.6%
99	Missing	1722	11.3%
Sysmiss		22700	

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=15188 /-] [Invalid=22700 /-]

Value	Label	Cases	Percentage
1	Yes	12229	80.5%
2	No	511	3.4%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	39	0.3%
94	Query	0	
95	Default	0	
96	Other	0	
97	Not Applicable	2260	14.9%

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KnowsWhereToObtainART: Knows Where To ObtainART

Value	Label	Cases	Percentage
98	Don't know	0	
99	Missing	149	1.0%
System		22700	

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=7813 /-] [Invalid=0 /-]

FwkAttempt1Date: First Attempt Date

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=7813 /-]

FwkAttempt2FieldWorker: Second Attempt FieldWorker

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=5779 /-] [Invalid=0 /-]

FwkAttempt2Date: Second Attempt Date

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=5779 /-]

FwkAttempt3FieldWorker: Third Attempt FieldWorker

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=4428 /-] [Invalid=0 /-]

FwkAttempt3Date: Third Attempt Date

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=4428 /-]

FwkAttempt4FieldWorker: Fourth Attempt FieldWorker

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=2231 /-] [Invalid=0 /-]

FwkAttempt4Date: Fourth Attempt Date

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=2231 /-]

TrkAttempt1FieldWorker: First Attempt Tracker

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=3167 /-] [Invalid=0 /-]

TrkAttempt1Date: Tracker First Attempt Date

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=3167 /-]

TrkAttempt2FieldWorker: Second Attempt Tracker

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=2484 /-] [Invalid=0 /-]

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TrkAttempt2Date: Tracker Second Attempt Date

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

Statistics [NW/ W] [Valid=2484 /-]

TrkAttempt3FieldWorker: Third Attempt Tracker

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

Statistics [NW/ W] [Valid=1978 /-] [Invalid=0 /-]

TrkAttempt3Date: Tracker Third Attempt Date

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

Statistics [NW/ W] [Valid=1978 /-]

TrkAttempt4FieldWorker: Fourth Attempt Tracker

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

Statistics [NW/ W] [Valid=1353 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
DBU		137	10.1%
DKU		1	0.1%
ERA		169	12.5%
FZU		1	0.1%
GGP		15	1.1%
GMK		99	7.3%
GMM		15	1.1%
JMN		1	0.1%
JMT		1	0.1%
LMA		36	2.7%
LNT		1	0.1%
NKU		102	7.5%
NZU		66	4.9%
PKA		69	5.1%
SDL		1	0.1%
SKA		152	11.2%
SKU		1	0.1%
SML		486	35.9%

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.

TrkAttempt4Date: Tracker Fourth Attempt Date

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

Statistics [NW/ W] [Valid=1353 /-]

HIVFieldWorker: HIV FieldWorker

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

Statistics [NW/ W] [Valid=23559 /-] [Invalid=0 /-]

WeekBlock: Week Block

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

Statistics [NW/ W] [Valid=37888 /-] [Invalid=0 /-]

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Isigodi: Isigodi

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

Statistics [NW/ W] [Valid=37888 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Banzaneni	0	
2	Deprecated	0	
3	Dukumbane	0	
4	Dukuduku	0	
5	Ebaswazini	2234	5.9%
6	Egula (Hlabisa)	0	
7	Egula (Mdletshe)	0	
8	Ekuphisweni	0	
9	Empembeni	0	
10	Esiyembeni	808	2.1%
11	Gunjaneni	1085	2.9%
12	Hlabisa Mission	0	
13	Hlambanyathi	0	
14	Inhlawathi	0	
15	Khalokazi	0	
16	KwaMsane (Isigodi)	5542	14.6%
17	KwaMsane (Township)	1789	4.7%
18	KwaMseme	0	
19	Kwahoho	649	1.7%
20	Mabudeni	0	
21	Mabhokweni	0	
22	Machibini	2212	5.8%
23	Macekeni	0	
24	Macambini	645	1.7%
25	Madondo	0	
26	Mfekayi	0	
27	Mgangatho	0	
28	Mahunjini	414	1.1%
29	Makhambane	68	0.2%
30	Makopini	0	
31	Mapheleni	1715	4.5%
32	Mshaya	1097	2.9%
33	Mthwadhana	0	
34	Matshamnyama-East	0	
35	Matshamhlophe	0	
36	Matshamnyama-West	0	
37	Mathunzi	0	
38	Mvutshini	134	0.4%
39	Madwaleni	0	
40	Myeki	2838	7.5%
41	Ncwabakazi	0	

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Isigodi: Isigodi

Value	Label	Cases	Percentage
42	Ndlovu Village	1246	3.3%
43	Ngondini	0	
44	Nkundusi	0	
45	Nkolokotho	2550	6.7%
46	Nkombose	4313	11.4%
47	Makhowe	0	
48	Nomathiya	1080	2.9%
49	Nompondo	0	
50	Nqopheni	1875	4.9%
51	Nsolweni	1700	4.5%
52	Mthekwini	0	
53	Ogengele	2528	6.7%
54	Ophondweni	461	1.2%
55	Ophaphasi (Mdletshe)	0	
56	Ophaphasi (Mpukunyoni)	905	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

Information [Type= discrete] [Format=numeric] [Range= 1-9999] [Missing=*]

Statistics [NW/ W] [Valid=37888 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	African	53	0.1%
2	Bhoboza	579	1.5%
3	Bhedangaye	389	1.0%
4	Bhekuzulu	119	0.3%
5	Buya	397	1.0%
6	Cakula	57	0.2%
7	Dubelenkunzi	1468	3.9%
8	Dukingane	68	0.2%
9	Dlokodlweni	177	0.5%
10	Ebhekani	60	0.2%
11	Ebaswazini	839	2.2%
12	Edutch	573	1.5%

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LocalArea: LocalArea

Value	Label	Cases	Percentage
13	Embotsheni	244	0.6%
14	Emambeni	44	0.1%
15	Emathuneni	247	0.7%
16	Esiyembeni	0	
17	Etsheni	321	0.8%
18	Ezinqaweni	293	0.8%
19	Ezimpehlweni	121	0.3%
20	Fukula	55	0.1%
21	Gagwini	92	0.2%
22	Gwabalanda	145	0.4%
23	Gugulethu	421	1.1%
24	Gunjaneni	1355	3.6%
25	Gwebu	54	0.1%
26	Igwedla	37	0.1%
27	Indlovu	0	
28	Kwamsane Reserve	3130	8.3%
29	Kwamsane Township	0	
30	KwaMsane Township Central (W3)	508	1.3%
31	KwaMsane Township North (W2)	627	1.7%
32	KwaMsane Township South (W4)	654	1.7%
33	Kwahoho	368	1.0%
34	Kwayoung	326	0.9%
35	Kwiliza	511	1.3%
36	Mashaya	202	0.5%
37	Mbomeni	292	0.8%
38	Machibini	269	0.7%
39	Macambini	336	0.9%
40	Mchachazo	81	0.2%
41	Mdlambila	206	0.5%
42	Mdolomba	860	2.3%
43	Mfolozi	214	0.6%
44	Magodi	66	0.2%
45	Magqayiza	54	0.1%
46	Mgeza	31	0.1%
47	Mahlabathini	43	0.1%
48	Mahunjini	150	0.4%
49	Majonijoni	107	0.3%
50	Makhandeni	127	0.3%
51	Mkhathazi	83	0.2%
52	Mcakwaneni	160	0.4%
53	Majamisa	133	0.4%
54	Manandi	302	0.8%
55	Mnyakaja	172	0.5%

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LocalArea: LocalArea

Value	Label	Cases	Percentage
56	Mnyaba	125	0.3%
57	Mapheleni	384	1.0%
58	Mpukunyoni	736	1.9%
59	Mshaya	631	1.7%
60	Mtshongweni	69	0.2%
61	Mtholo	236	0.6%
62	Machwetshana	301	0.8%
63	Myeki	132	0.3%
64	Mvananda	82	0.2%
65	Nondubela	218	0.6%
66	Ngodane	63	0.2%
67	Ninela	134	0.4%
68	Njojo	331	0.9%
69	Nkhobo	634	1.7%
70	Nkangala	144	0.4%
71	Nkolokotho	102	0.3%
72	Nkombose	2167	5.7%
73	Nkodibe	1502	4.0%
74	Nkatha	479	1.3%
75	Nkumbane	236	0.6%
76	Nkwalini	134	0.4%
77	Nkayeni	95	0.3%
78	Nomathiya	387	1.0%
79	Nqaweni North	69	0.2%
80	Nqaweni South	66	0.2%
81	Nqumbo	19	0.1%
82	Nsane	1730	4.6%
83	Nsolweni	414	1.1%
84	Ntandabantu	439	1.2%
85	Ntungwana	81	0.2%
86	Ntweni	448	1.2%
87	Nyalazi	93	0.2%
88	Ogengele	432	1.1%
89	Okhalanja	164	0.4%
90	Paradise	115	0.3%
91	Qubuka	939	2.5%
92	Sibomvu	24	0.1%
93	Sgqogqogqweni	201	0.5%
94	Somkhele	1157	3.1%
95	Sunjwaneni	324	0.9%
96	Sobayeka	52	0.1%
97	Sogceke	75	0.2%
98	Swalihle	40	0.1%

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LocalArea: LocalArea

Value	Label	Cases	Percentage
99	Shayamoya	66	0.2%
100	Tamu	278	0.7%
101	Thandanani	706	1.9%
102	Vezunyawo	115	0.3%
103	Zibomvini	71	0.2%
104	Zululiyaduma	81	0.2%
105	Zimambeni	133	0.4%
106	Zinkonjane	726	1.9%
107	Zwelethu	42	0.1%
108	Indlovu Village	1246	3.3%
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=22801 /-] [Invalid=0 /-]

icConventionalHIVTest: Conventional HIV Test Consent

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=22801 /-] [Invalid=15087 /-]

Value	Label	Cases	Percentage
1	Consented	7919	34.7%
2	Did not consent	14549	63.8%
99	Missing	333	1.5%
Sysmiss		15087	

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=22801 /-] [Invalid=0 /-]

icStored: Storage Consent

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=22801 /-] [Invalid=15087 /-]

Value	Label	Cases	Percentage
1	Consented	7916	34.7%
2	Did not consent	14552	63.8%
99	Missing	333	1.5%
Sysmiss		15087	

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icStored: Storage Consent

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=22801 /-] [Invalid=0 /-]

icRecontactSample: Recontact Sample Consent

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

Statistics [NW/ W] [Valid=22801 /-] [Invalid=15087 /-]

Value	Label	Cases	Percentage
1	Consented	7929	34.8%
2	Did not consent	14535	63.7%
99	Missing	337	1.5%
Sysmiss		15087	

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=22801 /-] [Invalid=15087 /-]		
Value	Label	Cases	Percentage
1	Consented	14657	64.3%
2	Did not consent	7821	34.3%
99	Missing	323	1.4%
Sysmiss		15087	
<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=22801 /-] [Invalid=15087 /-]		
Value	Label	Cases	Percentage
1	Consented	7028	30.8%
2	Did not consent	15447	67.7%
99	Missing	326	1.4%
Sysmiss		15087	
<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=22801 /-] [Invalid=15087 /-]		
Value	Label	Cases	Percentage
1	Consented	818	3.6%
2	Did not consent	21642	94.9%
99	Missing	341	1.5%
Sysmiss		15087	
<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=22801 /-] [Invalid=15087 /-]		
Value	Label	Cases	Percentage
1	Consented	10582	46.4%
2	Did not consent	11891	52.2%
99	Missing	328	1.4%
Sysmiss		15087	
<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=22801 /-] [Invalid=0 /-]		
# icBiomeasures: Biomeasures			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=22801 /-] [Invalid=0 /-]		

# icFieldworker: Fieldworker inform consent	
Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=22801 /-] [Invalid=0 /-]