

South Africa - AHRI HDSS.RD05-06 ACDIS HIV 2009

Nompumelelo Mkwazi

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Identification

SURVEY ID NUMBER
RD05-06.ACDIS.HIV.2009

TITLE
AHRI HDSS.RD05-06 ACDIS HIV 2009

COUNTRY

Name	Country code
South Africa	ZA

ABSTRACT

The Africa Centre Demographic Information System (ACDIS) was established in 2000 by the Africa Health Research Institute (AHRI; formerly the Africa Centre for Health and Population Studies) covering a population of approximately 85,0000 residents and non-residents from an area 438km² in size in uMkhanyakude district, KwaZulu-Natal province, South Africa.

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 and 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.

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.

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 `PrematureCompletionReason = Non-Contact`. Additionally some people were contacted but refused to participate in the survey. They are identifiable by `VisitType = Refusal`. Finally there are some who participated in the survey, but refused the HIV test offered. They are identifiable as `HIVRefused = 'Y'`

Individuals were free to refuse to participate in and to withdraw from the individual surveys, without any impact on routine health care or other services to which they were entitled. If a household refused to participate in the household component, its members were not invited to participate in the individual component during that same household visit.

Note: Users of these datasets are strongly encouraged to refer to the questionnaires included in the documentation for the 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.

For more refer:

1. Tanser F, Hosegood V, Bärnighausen T, Herbst K, Nyirenda M, Muhwava W, Newell C, Viljoen J, Mutevedzi T, Newell ML. Cohort Profile: Africa Centre Demographic Information System (ACDIS) and population-based HIV survey. *Int J Epidemiol*. 2008 Oct;37(5):956-62. doi: 10.1093/ije/dym211. Epub 2007 Nov 12. PMID: 17998242; PMCID: PMC2557060.

KIND OF DATA
Surveillance data

UNIT OF ANALYSIS
AHRI HDSS Individual surveillance eligible individuals

Version

VERSION DESCRIPTION

v2.0.0

Scope

TOPICS

Topic	Vocabulary	URI
HIV, Population, Surveillance, HIV Incidence, HIV prevalence, Epidemiology, Africa, Demography, information systems, South Africa, KwaZulu-Natal, Medical, Population Intervention	Africa Health Research Institute	www.ahri.org

KEYWORDS

Keyword	Vocabulary	URI
South Africa, Surveillance, Epidemiology, HIV, Population Cohort	Africa Health Research Institute	www.ahri.org

Coverage

GEOGRAPHIC COVERAGE

AHRI's Demographic Surveillance Area (DSA) is situated in Mtubatuba local authority, uMkhanyakude district, KwaZulu-Natal province which is approximately 200km north of Durban.

For more refer:

- Dickman Gareta, Kathy Baisley, Thobeka Mngomezulu, Theresa Smit, Thandeka Khoza, Siyabonga Nxumalo, Jaco Dreyer, Sweetness Dube, Nomathamsanqa Majazi, Gregory Ordning-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>>
- 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.
- Iwuji CC, Orne-Gliemann J, Larmarange J, Balestre E, Thiebaut R, Tanser F, Okesola N, Makowa T, Dreyer J, Herbst K, McGrath N, Bärnighausen T, Boyer S, De Oliveira T, Rekacewicz C, Bazin B, Newell ML, Pillay D, Dabis F; ANRS 12249 TasP Study Group. Universal test and treat and the HIV epidemic in rural South Africa: a phase 4, open-label, community cluster randomised trial. *Lancet HIV*. 2018 Mar;5(3):e116-e125. doi: 10.1016/S2352-3018(17)30205-9. Epub 2017 Nov 30. PMID: 29199100.

UNIVERSE

All resident household members from AHRI's DSA who met eligibility criteria and gave informed consent for their surveillance participation.

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
Dr Abraham Jacobus Herbst	Africa Health Research Institute
Prof. Willem Hanekom	Africa Health Research Institute

Prof. Janet Seeley	Africa Health Research Institute
Prof. Maryam Shahmanesh	Africa Health Research Institute
Dr. Guy Harling	Africa Health Research Institute
Dr. Mark Siedner	Africa Health Research Institute

PRODUCERS

Name	Abbreviation
Africa Health Research Institute	AHRI

FUNDING AGENCY/SPONSOR

Name	Abbreviation	Role
Welcome Trust	WT	Funder
DSI-MRC South African Population Research Infrastructure Network	SAPRIN	Funder

OTHER IDENTIFICATIONS/ACKNOWLEDGMENTS

Name	Affiliation	Role
Thobeka Mngomezulu	AHRI	Data collection
Phumzile Dlamini	AHRI	Data collection
Lindiwe Sithole	AHRI	Data collection
Bonginkosi Ntimane	AHRI	Data quality
Njabulo Myeni	AHRI	Data quality
Eugene Ehlers	AHRI	Software Development
Eugene Prenzler	AHRI	Data Analytics
Brendan Gilbert	AHRI	IT infrastructure
Sweetness Dube	AHRI	Data documentation
Siyabonga Nxumalo	AHRI	Research Data management
Dickman Gareta	AHRI	Research Data management
Kathy Baisley	AHRI	Statistics

Sampling

SAMPLING PROCEDURE

All individuals meeting the eligibility criteria described in the abstract

Data collection

DATES OF DATA COLLECTION

Start	End
2008-01-19	2009-12-08

Data Processing

DATA EDITING

Surveillance data is processed and stored on servers under the physical control of AHRI until datasets are made available on the data repository. The data is de-identified and can then be downloaded for processing on the data user's computer.

Data is stored on industry-standard relational databases with data integrity and user authentication for access control. Data is replicated on at least a daily basis to the Durban site of the Institution to provide secure offsite storage of data. Transactional logs are backed up every 30 minutes to enable recovery of data in the event of equipment failure.

All users of the system are authenticated through individual passwords with minimum complexity and regular change rules (passwords must be at least eight digits, with a mix of small and capital letters, at least one numeric or non-alphabetic digit and changed at least every 45 days). AHRI uses industry standard malware and intrusion detection with at least annual penetration tests by a reputable outside security audit company.

Both at the Institute and for the clinic-based data collection, a client-server architecture is implemented where data is not stored on laptops or local workstation, but only on a central server with restricted physical access. Specifically, at the clinics the local server is enclosed in a tamper-proof enclosure kept under lock and key. The server hard disk is encrypted.

Access policy

ACCESS CONDITIONS

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

CITATION REQUIREMENTS

Herbst, 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>

Metadata production

DDI DOCUMENT ID

DDI.RD05-06.ACDIS.HIV.2009

PRODUCERS

Name	Abbreviation
Africa Health Research Institute	AHRI

Data Dictionary

Data file	Cases	Variables
RD05-06 ACDIS HIV 2009	37088	55

Data file: RD05-06 ACDIS HIV 2009

Cases: 37088

Variables: 55

Variables

ID	Name	Label	Question
V319	QuestionnaireId	Questionnaire Id	
V320	DocumentStatus	Document Status	
V321	BMFStatusObservation	BMFStatusObservation Id	
V322	PrematureCompletionReason	Premature Completion Reason	
V323	IIntId	Unique Internal Id of Individual	
V324	Sex	Sex	
V325	DateOfBirth	Date of birth	
V326	Resident	Residency status	
V327	BSIntId	Unique Internal Id of BoundedStructures	
V328	VisitDate	Visit Date	
V329	VisitType	Visit Type	
V330	HIVRefused	HIV Refused	
V331	HIVRefusedBy	HIV Refused By	
V332	HIVSampleAvailable	HIV Sample Available	
V333	HIVResult	HIV Result	
V334	PreferredPlaceToTest	Preferred Place ToTest	
V335	PreferredTestMethod	Preferred Test Method	
V336	KnowsHIVStatus	Knows HIV Status	
V337	HeardAboutART	Heard About ART	
V338	BelievesARTImprovesHealth	Believes ART Improves Health	
V339	KnowsWhereToObtainART	Knows Where To ObtainART	
V340	BelievesARTMakesTalkEasier	Believes ART Makes Talk Easier	
V341	FwkAttempt1FieldWorker	First Attempt FieldWorker	
V342	FwkAttempt1Date	First Attempt Date	
V343	FwkAttempt2FieldWorker	Second Attempt FieldWorker	
V344	FwkAttempt2Date	Second Attempt Date	
V345	FwkAttempt3FieldWorker	Third Attempt FieldWorker	
V346	FwkAttempt3Date	Third Attempt Date	
V347	FwkAttempt4FieldWorker	Fourth Attempt FieldWorker	
V348	FwkAttempt4Date	Fourth Attempt Date	
V349	TrkAttempt1FieldWorker	First Attempt Tracker	
V350	TrkAttempt1Date	Tracker First Attempt Date	
V351	TrkAttempt2FieldWorker	Second Attempt Tracker	
V352	TrkAttempt2Date	Tracker Second Attempt Date	
V353	TrkAttempt3FieldWorker	Third Attempt Tracker	
V354	TrkAttempt3Date	Tracker Third Attempt Date	
V355	TrkAttempt4FieldWorker	Fourth Attempt Tracker	
V356	TrkAttempt4Date	Tracker Fourth Attempt Date	

ID	Name	Label	Question
V357	HIVFieldWorker	HIV FieldWorker	
V358	WeekBlock	Week Block	
V359	Isigodi	Isigodi	
V360	LocalArea	LocalArea	
V361	icRapidHIVTest	Rapid HIV Test Consent	
V362	icConventionalHIVTest	Conventional HIV Test Consent	
V363	icHomeDelivery	Home Delivery Consent	
V364	icStored	Storage Consent	
V365	icTesting	Testing Consent	
V366	icRecontactSample	Recontact Sample Consent	
V367	icHealth	General Health Consent	
V368	icSexualBehaviour	Sexual Behaviour Consent	
V369	icRecontactQA	Recontac for QA Consent	
V370	icRecontactOtherInfo	Recontact Other Info Consent	
V371	icLivingArrangements	Living Arrangements Consent	
V372	icFieldworker	Fieldworker inform consent	
V373	FormRefused	FormRefused	

Total: 55

QUESTIONNAIREID: Questionnaire Id**Data file: RD05-06 ACDIS HIV 2009****Overview**

Valid: 37088 Invalid: 0 Minimum: 4880105 Maximum: 5313908 Mean: 4919539.23 Standard deviation: 76950.509
 Type: Continuous Decimal: 0 Width: 12 Range: 4880105 - 5313908 Format: Numeric

DOCUMENTSTATUS: Document Status**Data file: RD05-06 ACDIS HIV 2009****Overview**

Valid: 37088 Invalid: 0
 Type: Discrete Width: 100 Range: - Format: character

BMFSTATUSOBSERVATION: BMFStatusObservation Id**Data file: RD05-06 ACDIS HIV 2009****Overview**

Valid: 26838 Invalid: 10250 Minimum: 174131 Maximum: 339929 Mean: 192843.184 Standard deviation: 11267.908
 Type: Continuous Decimal: 0 Width: 12 Range: 174131 - 339929 Format: Numeric

PREMATURECOMPLETIONREASON: Premature Completion Reason**Data file: RD05-06 ACDIS HIV 2009****Overview**

Valid: 9996 Invalid: 27092
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 97 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Stay in currently Avoided BS/HH	0	0%
2	Temporarily away for more than 2 months	0	0%
3	Non-Functional BS	1	0%
4	Reported Dead	415	4.2%
5	Household dissolution	0	0%
6	HH Migrated External	0	0%
7	Household Migrations	0	0%
8	HH Migrated Internal	0	0%

9	OutMigrated	4600	46%
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	0%
14	Refused Bundles	0	0%
15	Refused HSE	0	0%
16	Refused Tracking	115	1.2%
17	Very Sick	159	1.6%
96	Other Reason	621	6.2%
97	Not applicable	0	0%
Sysmiss		27092	

IINTID: Unique Internal Id of Individual

Data file: RD05-06 ACDIS HIV 2009

Overview

Valid: 37088 Invalid: 0 Minimum: 14 Maximum: 262741 Mean: 60737.011 Standard deviation: 39349.232
 Type: Continuous Decimal: 0 Width: 12 Range: 14 - 262741 Format: Numeric

SEX: Sex

Data file: RD05-06 ACDIS HIV 2009

Overview

Valid: 37088 Invalid: 0
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Male	15321	41.3%
2	Female	21767	58.7%
9	Unknown	0	0%

DATEOFBIRTH: Date of birth

Data file: RD05-06 ACDIS HIV 2009

Overview

Valid: 37088 Minimum: 1798-01-01 Maximum: 2001-06-07
 Type: Discrete Width: 11 Range: - Format: character

RESIDENT: Residency status

Data file: RD05-06 ACDIS HIV 2009

Overview

Valid: 37088 Invalid: 0
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	34252	92.4%
2	No	2836	7.6%
90	SpecialQuery	0	0%
92	Deprecated	0	0%
93	Refused	0	0%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	0	0%
98	Don?t know	0	0%
99	Missing	0	0%

BSINTID: Unique Internal Id of BoundedStructures

Data file: RD05-06 ACDIS HIV 2009

Overview

Valid: 37088 Invalid: 0 Minimum: 11 Maximum: 15805 Mean: 6843.65 Standard deviation: 4213.077
 Type: Continuous Decimal: 0 Width: 12 Range: 11 - 15805 Format: Numeric

VISITDATE: Visit Date

Data file: RD05-06 ACDIS HIV 2009

Overview

Valid: 26838 Minimum: 2008-01-19 Maximum: 2009-12-08
 Type: Discrete Width: 11 Range: - Format: character

VISITTYPE: Visit Type**Data file: RD05-06 ACDIS HIV 2009****Overview**

Valid: 36837 Invalid: 251
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Avoided Visit	30	0.1%
2	Unsuccessful Visit	0	0%
3	Regular Visit	21295	57.8%
4	Special Task Visit	11	0%
5	Problem Solving	0	0%
6	Quality Control	0	0%
7	Spot Check	1	0%
8	Tracking	15493	42.1%
9	Verbal Autopsy	0	0%
10	Mapping Visit	1	0%
11	COUNSELLING VISIT	0	0%
12	Illness And Death	0	0%
13	Bounded Structure Verification	0	0%
30	Community Liaison Office Visit	0	0%
92	Deprecated	0	0%
93	Refused Visit	6	0%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	0	0%
99	Missing	0	0%
Sysmiss		251	

HIVREFUSED: HIV Refused**Data file: RD05-06 ACDIS HIV 2009****Overview**

Valid: 26838 Invalid: 10250

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	17980	67%
2	No	8858	33%
90	SpecialQuery	0	0%
92	Deprecated	0	0%
93	Refused	0	0%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	0	0%
98	Don?t know	0	0%
99	Missing	0	0%
Sysmiss		10250	

HIVREFUSED BY: HIV Refused By

Data file: RD05-06 ACDIS HIV 2009

Overview

Valid: 26838 Invalid: 10250

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
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%
99	Missing	0	0%
Sysmiss		10250	

HIVSAMPLEAVAILABLE: HIV Sample Available**Data file: RD05-06 ACDIS HIV 2009****Overview**

Valid: 26838 Invalid: 10250
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	8858	33%
2	No,but there is a BMFStatusObs	17980	67%
Sysmiss		10250	

HIVRESULT: HIV Result**Data file: RD05-06 ACDIS HIV 2009****Overview**

Valid: 26838 Invalid: 10250
 Type: Discrete Decimal: 0 Width: 12 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Negative	6927	25.8%
1	Positive	1909	7.1%
2	Indeterminate	15	0.1%
3	Insufficient sample volume	1	0%
4	Spurious (probably not this person)	6	0%
5	Spurious negative(HIV reverse seroconversion)	0	0%
6	Spurious positive(HIV reverse seroconversion)	0	0%
97	Not applicable	17980	67%
99	Missing (Sample lost)	0	0%
Sysmiss		10250	

PREFERREDPLACETOTEST: Preferred Place ToTest**Data file: RD05-06 ACDIS HIV 2009**

Overview

Valid: 26792 Invalid: 10296
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	At Counselling Centre	551	2.1%
2	At Clinic	3467	12.9%
3	Deprecated (i.e. Pre-2009)	0	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%
Sysmiss		10296	

PREFERREDTESTMETHOD: Preferred Test Method

Data file: RD05-06 ACDIS HIV 2009

Overview

Valid: 26792 Invalid: 10296
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
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%
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	0%
99	Missing	7	0%
Sysmiss		10296	

KNOWSHIVSTATUS: Knows HIV Status**Data file: RD05-06 ACDIS HIV 2009****Overview**

Valid: 26792 Invalid: 10296

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

Questions and instructions

CATEGORIES

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

HEARDABOUTART: Heard About ART**Data file: RD05-06 ACDIS HIV 2009****Overview**

Valid: 26792 Invalid: 10296

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	11622	43.4%
2	No	2410	9%
90	SpecialQuery	0	0%
92	Deprecated	0	0%

93	Refused	12759	47.6%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	1	0%
98	Don?t know	0	0%
99	Missing	0	0%
Sysmiss		10296	

BELIEVESARTIMPROVESHEALTH: Believes ART Improves Health

Data file: RD05-06 ACDIS HIV 2009

Overview

Valid: 26792 Invalid: 10296

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

Questions and instructions

CATEGORIES

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

KNOWSWHERETOBTAINART: Knows Where To ObtainART

Data file: RD05-06 ACDIS HIV 2009

Overview

Valid: 26792 Invalid: 10296

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

Questions and instructions

CATEGORIES

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

BELIEVESARTMAKESTALKEASIER: Believes ART Makes Talk Easier

Data file: RD05-06 ACDIS HIV 2009

Overview

Valid: 26792 Invalid: 10296

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

Questions and instructions

CATEGORIES

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

Sysmiss

10296

FWKATTEMPT1FIELDWORKER: First Attempt FieldWorker**Data file: RD05-06 ACDIS HIV 2009****Overview**

Valid: 16314 Invalid: 0
 Type: Discrete Width: 3 Range: - Format: character

FWKATTEMPT1DATE: First Attempt Date**Data file: RD05-06 ACDIS HIV 2009****Overview**

Valid: 16314 Minimum: 2004-04-21 Maximum: 2009-11-26
 Type: Discrete Width: 11 Range: - Format: character

FWKATTEMPT2FIELDWORKER: Second Attempt FieldWorker**Data file: RD05-06 ACDIS HIV 2009****Overview**

Valid: 7602 Invalid: 0
 Type: Discrete Width: 3 Range: - Format: character

FWKATTEMPT2DATE: Second Attempt Date**Data file: RD05-06 ACDIS HIV 2009****Overview**

Valid: 7602 Minimum: 2004-04-23 Maximum: 2009-11-29
 Type: Discrete Width: 11 Range: - Format: character

FWKATTEMPT3FIELDWORKER: Third Attempt FieldWorker**Data file: RD05-06 ACDIS HIV 2009****Overview**

Valid: 4459 Invalid: 0
 Type: Discrete Width: 3 Range: - Format: character

FWKATTEMPT3DATE: Third Attempt Date**Data file: RD05-06 ACDIS HIV 2009**

Overview

Valid: 4459 Minimum: 2006-03-04 Maximum: 2009-12-01
 Type: Discrete Width: 11 Range: - Format: character

FWKATTEMPT4FIELDWORKER: Fourth Attempt FieldWorker

Data file: RD05-06 ACDIS HIV 2009

Overview

Valid: 1992 Invalid: 0
 Type: Discrete Width: 3 Range: - Format: character

FWKATTEMPT4DATE: Fourth Attempt Date

Data file: RD05-06 ACDIS HIV 2009

Overview

Valid: 1992 Minimum: 2006-03-07 Maximum: 2009-11-29
 Type: Discrete Width: 11 Range: - Format: character

TRKATTEMPT1FIELDWORKER: First Attempt Tracker

Data file: RD05-06 ACDIS HIV 2009

Overview

Valid: 2342 Invalid: 0
 Type: Discrete Width: 3 Range: - Format: character

TRKATTEMPT1DATE: Tracker First Attempt Date

Data file: RD05-06 ACDIS HIV 2009

Overview

Valid: 2342 Minimum: 2006-03-31 Maximum: 2009-12-01
 Type: Discrete Width: 11 Range: - Format: character

TRKATTEMPT2FIELDWORKER: Second Attempt Tracker

Data file: RD05-06 ACDIS HIV 2009

Overview

Valid: 1726 Invalid: 0
 Type: Discrete Width: 3 Range: - Format: character

TRKATTEMPT2DATE: Tracker Second Attempt Date**Data file: RD05-06 ACDIS HIV 2009****Overview**

Valid: 1726 Minimum: 2006-04-01 Maximum: 2009-12-02
 Type: Discrete Width: 11 Range: - Format: character

TRKATTEMPT3FIELDWORKER: Third Attempt Tracker**Data file: RD05-06 ACDIS HIV 2009****Overview**

Valid: 1567 Invalid: 0
 Type: Discrete Width: 3 Range: - Format: character

TRKATTEMPT3DATE: Tracker Third Attempt Date**Data file: RD05-06 ACDIS HIV 2009****Overview**

Valid: 1567 Minimum: 2006-04-02 Maximum: 2009-12-02
 Type: Discrete Width: 11 Range: - Format: character

TRKATTEMPT4FIELDWORKER: Fourth Attempt Tracker**Data file: RD05-06 ACDIS HIV 2009****Overview**

Valid: 1236 Invalid: 0
 Type: Discrete Width: 3 Range: - Format: character

TRKATTEMPT4DATE: Tracker Fourth Attempt Date**Data file: RD05-06 ACDIS HIV 2009****Overview**

Valid: 1236 Minimum: 2009-01-26 Maximum: 2009-12-03
 Type: Discrete Width: 11 Range: - Format: character

HIVFIELDWORKER: HIV FieldWorker**Data file: RD05-06 ACDIS HIV 2009****Overview**

Valid: 26838 Invalid: 0
 Type: Discrete Width: 3 Range: - Format: character

WEEKBLOCK: Week Block**Data file: RD05-06 ACDIS HIV 2009****Overview**

Valid: 37088 Invalid: 0
 Type: Discrete Width: 5 Range: - Format: character

ISIGODI: Isigodi**Data file: RD05-06 ACDIS HIV 2009****Overview**

Valid: 37088 Invalid: 0
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 999 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Banzaneni	0	0%
2	Deprecated	0	0%
3	Dukumbane	0	0%
4	Dukuduku	0	0%
5	Ebaswazini	2203	5.9%
6	Egula (Hlabisa)	0	0%
7	Egula (Mdletshe)	0	0%
8	Ekuphisweni	0	0%
9	Empembeni	0	0%
10	Esiyembeni	797	2.1%
11	Gunjaneni	1039	2.8%
12	Hlabisa Mission	0	0%
13	Hlambanyathi	0	0%
14	Inhlawathi	0	0%
15	Khalokazi	0	0%
16	KwaMsane (Isigodi)	5039	13.6%
17	KwaMsane (Township)	2363	6.4%
18	KwaMseme	0	0%
19	Kwahoho	631	1.7%
20	Mabudeni	0	0%
21	Mabhokweni	0	0%

22	Machibini	2179	5.9%
23	Macekeni	0	0%
24	Macambini	609	1.6%
25	Madondo	0	0%
26	Mfekayi	0	0%
27	Mgangatho	0	0%
28	Mahunjini	372	1%
29	Makhambane	63	0.2%
30	Makopini	0	0%
31	Mapheleni	1700	4.6%
32	Mshaya	1222	3.3%
33	Mthwadhana	0	0%
34	Matshamnyama-East	0	0%
35	Matshamhlophe	0	0%
36	Matshamnyama-West	0	0%
37	Mathunzi	0	0%
38	Mvutshini	123	0.3%
39	Madwaleni	0	0%
40	Myeki	2627	7.1%
41	Ncwabakazi	0	0%
42	Ndlovu Village	1188	3.2%
43	Ngondini	0	0%
44	Nkundusi	0	0%
45	Nkolokotho	2528	6.8%
46	Nkombose	3968	10.7%
47	Makhowe	0	0%
48	Nomathiya	1114	3%
49	Nompondo	0	0%
50	Nqopheni	1710	4.6%
51	Nsolweni	1700	4.6%
52	Mthekwini	0	0%
53	Ogengele	2576	6.9%
54	Ophondweni	454	1.2%
55	Ophaphasi (Mdletshe)	0	0%
56	Ophaphasi (Mpukunyoni)	883	2.4%
57	Qakwini	0	0%
58	Qunwane	0	0%
59	Shikishela	0	0%
60	Stezi	0	0%

61	Sovane	0	0%
994	Query	0	0%
995	Default	0	0%
996	Other	0	0%
997	Not Applicable	0	0%
998	Don't know	0	0%
999	Missing	0	0%

LOCALAREA: LocalArea

Data file: RD05-06 ACDIS HIV 2009

Overview

Valid: 37088 Invalid: 0
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 9999 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	African	58	0.2%
2	Bhoboza	519	1.4%
3	Bhedangaye	301	0.8%
4	Bhekuzulu	152	0.4%
5	Buya	363	1%
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	0%
17	Etsheni	357	1%
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	0%
28	Kwamsane Reserve	2842	7.7%
29	Kwamsane Township	0	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%
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%
58	Mpukunyoni	677	1.8%
59	Mshaya	701	1.9%

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	Okhаланja	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%
103	Zibomvini	80	0.2%
104	Zululiyaduma	86	0.2%
105	Zimambeni	154	0.4%
106	Zinkonjane	724	2%
107	Zwelethu	39	0.1%
108	Indlovu Village	1188	3.2%
9993	Refused	0	0%
9994	Query	0	0%
9995	Default	0	0%
9996	Other	0	0%
9997	Not Applicable	0	0%
9998	Don't know	0	0%
9999	Missing	0	0%

ICRAPIDHIVTEST: Rapid HIV Test Consent

Data file: RD05-06 ACDIS HIV 2009

Overview

Valid: 26793 Invalid: 10295

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

Questions and instructions

CATEGORIES

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

ICCONVENTIONALHIVTEST: Conventional HIV Test Consent

Data file: RD05-06 ACDIS HIV 2009

Overview

Valid: 26793 Invalid: 10295

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Consented	8792	32.8%
2	Did not consent	5143	19.2%
99	Missing	12858	48%
Sysmiss		10295	

ICHOMEDELIVERY: Home Delivery Consent

Data file: RD05-06 ACDIS HIV 2009

Overview

Valid: 26793 Invalid: 10295

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Consented	6485	24.2%
2	Did not consent	7452	27.8%
99	Missing	12856	48%
Sysmiss		10295	

ICSTORED: Storage Consent

Data file: RD05-06 ACDIS HIV 2009

Overview

Valid: 26793 Invalid: 10295

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Consented	8762	32.7%
2	Did not consent	5175	19.3%
99	Missing	12856	48%
Sysmiss		10295	

ICTESTING: Testing Consent**Data file: RD05-06 ACDIS HIV 2009****Overview**

Valid: 26793 Invalid: 10295
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Consented	8265	30.8%
2	Did not consent	5676	21.2%
99	Missing	12852	48%
Sysmiss		10295	

ICRECONTACTSAMPLE: Recontact Sample Consent**Data file: RD05-06 ACDIS HIV 2009****Overview**

Valid: 26793 Invalid: 10295
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Consented	8736	32.6%
2	Did not consent	5195	19.4%
99	Missing	12862	48%
Sysmiss		10295	

ICHEALTH: General Health Consent**Data file: RD05-06 ACDIS HIV 2009****Overview**

Valid: 26793 Invalid: 10295
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Consented	12936	48.3%
2	Did not consent	1060	4%
99	Missing	12797	47.8%
Sysmiss		10295	

ICSEXUALBEHAVIOUR: Sexual Behaviour Consent

Data file: RD05-06 ACDIS HIV 2009

Overview

Valid: 26793 Invalid: 10295

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Consented	8577	32%
2	Did not consent	5394	20.1%
99	Missing	12822	47.9%
Sysmiss		10295	

ICRECONTACTQA: Recontac for QA Consent

Data file: RD05-06 ACDIS HIV 2009

Overview

Valid: 26793 Invalid: 10295

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Consented	911	3.4%
2	Did not consent	13029	48.6%
99	Missing	12853	48%
Sysmiss		10295	

ICRECONTACTOTHERINFO: Recontact Other Info Consent**Data file: RD05-06 ACDIS HIV 2009****Overview**

Valid: 26793 Invalid: 10295
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Consented	11012	41.1%
2	Did not consent	2945	11%
99	Missing	12836	47.9%
Sysmiss		10295	

ICLIVINGARRANGEMENTS: Living Arrangements Consent**Data file: RD05-06 ACDIS HIV 2009****Overview**

Valid: 26793 Invalid: 10295
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Consented	802	3%
2	Did not consent	92	0.3%
99	Missing	25899	96.7%
Sysmiss		10295	

ICFIELDWORKER: Fieldworker inform consent**Data file: RD05-06 ACDIS HIV 2009****Overview**

Valid: 25615 Invalid: 0
 Type: Discrete Width: 3 Range: - Format: character

FORMREFUSED: FormRefused**Data file: RD05-06 ACDIS HIV 2009****Overview**

Valid: 26838 Invalid: 10250

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	0	0%
2	No	1	0%
90	SpecialQuery	0	0%
92	Deprecated	0	0%
93	Refused	0	0%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	0	0%
98	Don?t know	0	0%
99	Missing	26837	100%
Sysmiss		10250	

Download related resources

Questionnaires

Questionnaire:Individual Health Observation Form (IHO)

Title Questionnaire:Individual Health Observation Form (IHO)
Author(s) Nompumelelo Mkwanazi
Date 04-06-2025
Country South Africa
Language English
Publisher(s) Nompumelelo Mkwanazi
Filename IHO-Zv2.pdf

Technical documents

DDI:ACDIS HIV 2009

Title DDI:ACDIS HIV 2009
Author(s) Nompumelelo Mkwanazi
Date 05-06-2025
Country South Africa
Language English
Publisher(s) Nompumelelo Mkwanazi
Filename RD05-06 ACDIS HIV 2009.pdf
