

# South Africa - AHRI HDSS.RD05-16 ACDIS HIV 2019

**Nompumelelo Mkwazi**

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## Identification

SURVEY ID NUMBER  
RD05-16.ACDIS.HIV.2019

TITLE  
AHRI HDSS.RD05-16 ACDIS HIV 2019

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 438km<sup>2</sup> in size in uMkhanyakude district, KwaZulu-Natal province, South Africa. In 2017, this area was expanded to 845km<sup>2</sup> and renamed to Population Intervention Programme (PIP) with approximately 140,000 individuals in 20,000 households (as of 2018) which included communities of a cluster randomized trial of HIV treatment. In 2017 the surveillance system was incorporated into the South African Population Research Infrastructure Network (SAPRIN) and is now known as the AHRI HDSS (Health and demographic surveillance system). A sea change in the research operations has been implemented from 2017 and include the following:

- Capturing questionnaire data electronically, and addition and modification of the survey questions. Questionnaires are administered on tablet computers using the Research Electronic Data Capture (REDCap) system. Sexual behaviour and other sensitive questions are collected by computer-assisted self-interview. Questions have been added to the household survey on receipt of government grants, food security and experience of violence. The verbal autopsy (VA) questionnaire (administered routinely for all deaths) has been updated to conform to WHO 2016 and later the 2020 standards. In the individual survey, questions have been added about diagnoses and treatment of HIV, TB, hypertension and diabetes, and old questions dropped. Most recently (April 2020), COVID-19 surveillance has been introduced.
- Offering home-based HIV counselling and testing (HCT) during the survey visit. At the annual home visit, all resident household members aged ≥15 years who are not on ART are offered HCT, even if they do not participate in the survey. Individuals who test positive and not currently on ART are referred to HIV care at a clinic in the surveillance area. They are also asked to consent to facilitated linkage through AHRI's new AHRILink system.
- Capturing of clinic attendance in the PIP area. AHRI implemented the AHRILink system in 2017, to collect the date and reason for attendance of all individuals who attend one of the 11 clinics in the PIP study area. Consenting individuals who are referred to care after HCT, or other screening tests, and do not attend a clinic within 10 days are sent a reminder text message; those who have still not attended within 30 days are contacted by telephone by a trained counsellor and encouraged to attend for care.

Between 2003 and 2016, the annual Individual Health 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 contact those individuals. From 2017, the approach has changed, and the eligibility list is drawn at the start of the data collection week. There are now 45 weekblocks in a data collection round. During the data collection, inevitably, some will have died, moved away, become very sick etc. even before the Eligibility List is drawn (since we only contact households three times per year, two contacts are through the call centre and one contact is through a physical visit to the homestead). Eligibility criteria for inclusion into the Eligibility List has changed over the years. Between 2003 and 2011, residents' males aged 15 and 54 and resident females aged 15 and 49 were included. A 10% stratified sample of non-residents was also included. From 2012, all resident individuals aged 15 years and above are included.

Note: The data user is encouraged to read the data documentation for each individual dataset to understand the Eligibility Criteria which was used in each of the survey data collection rounds.

Individuals are free to refuse to participate in and to withdraw from the individual component, without any impact on routine health care or other services to which they are entitled. If a household refuses to participate in the household component, its members will not be invited to participate in the individual component during that same household visit. Residents wishing to participate in the individual surveys will be able to independently access the mobile clinics, where the informed consent process and all individual-level study procedures are conducted.

While the annual HIV surveillance datasets include everyone in the Eligibility Lists, the overall HIV dataset, Women General Health and Men General Health only include those individuals who were contacted to the extent that they themselves could be asked whether or not they wanted to participate. Note, though, that cases where contact is made, but the individual or head of Household etc, then refuse to participate are included in the women General Health and Men's General Health datasets. The records will have RefusedAll = Y.

Users of these datasets are strongly encouraged to refer to the questionnaires included in the documentation for the annual datasets to check carefully for any changes in question wording, ordering, options offered etc. This document does not attempt to describe every single change and variation.

For more refer:

1. 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.

4. Siedner MJ, Harling G, Derache A, Smit T, Khoza T, Gunda R, Mngomezulu T, Gareta D, Majozi N, Ehlers E, Dreyer J, Nxumalo S, Dayi N, Ording-Jespersion G, Ngwenya N, Wong E, Iwuji C, Shahmanesh M, Seeley J, De Oliveira T, Ndung'u T, Hanekom W, Herbst K. Protocol: Leveraging a demographic and health surveillance system for Covid-19 Surveillance in rural KwaZulu-Natal. *Wellcome Open Res*. 2020 Aug 25;5:109. doi: 10.12688/wellcomeopenres.15949.2. PMID: 32802963; PMCID: PMC7424917.

#### 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	<a href="http://www.ahri.org">www.ahri.org</a>

#### KEYWORDS

Keyword	Vocabulary	URI
South Africa, Surveillance, Epidemiology, HIV, Population Cohort	Africa Health Research Institute	<a href="http://www.ahri.org">www.ahri.org</a>

## Coverage

### GEOGRAPHIC COVERAGE

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

For more refer:

1. Dickman Gareta, Kathy Baisley, Thobeka Mngomezulu, Theresa Smit, Thandeka Khoza, Siyabonga Nxumalo, Jaco Dreyer, Sweetness Dube, Nomathamsanqa Majozi, Gregory Ording-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.

### 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
2019-01-22	2019-12-05

## 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.RD05-16 ACDIS HIV 2019 [Data set]. Africa Health Research Institute. DOI:<https://doi.org/10.23664/RD05-16.ACDIS.HIV.2019>

## Metadata production

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#### DDI DOCUMENT ID

DDI.RD05-16.ACDIS.HIV.2019

#### PRODUCERS

Name	Abbreviation
Africa Health Research Institute	AHRI

**Data Dictionary**

<b>Data file</b>	<b>Cases</b>	<b>Variables</b>
<b>RD05-16 ACDIS HIV 2019</b>	64132	76



**Data file: RD05-16 ACDIS HIV 2019**

Cases: 64132

Variables: 76

**Variables**

ID	Name	Label	Question
V395	IIIntId	Unique Internal Id of Individual	
V396	BMFStatusObservation	BMFStatusObservation Id	
V397	Sex	Sex	
V398	DateOfBirth	Date of birth	
V399	VisitDate	Visit Date	
V400	VisitType	Visit Type	
V401	VisitTypeName	Visit Type	
V402	ResidencyBSIntId	Bounded Structure Id at the time of drawing eligibility list	
V403	PIPSA	Population Intervention Programme Study Area	
V404	FormRefused	FormRefused	
V405	FormRefusedBy	Form Refused By	
V406	FormRefusedByName	Form Refused By	
V407	FormRefusedByOtherSpec	Form Refused By Other Specify	
V408	PrematureCompletionReasons	Premature Completion Reasons	
V409	PrematureCompletionReasonsName	Premature Completion Reason Name	
V410	HIVRefused	HIV Refused	
V411	HIVRefusedBy	HIV Refused By	
V412	HIVRefusedByName	Person who refused HIV survey participation	
V413	HIVRefusedByOtherSpec	HIV Refused By Other Specify	
V414	ConsentHIVTest	HIV Test Consent	
V415	ConsentSpecimenStored	Specimen Stored Consent	
V416	ConsentRecontactInFuture	Recontact in Future Consent	
V417	HIVSampleAvailable	HIV Sample Available	
V418	HIVSpecimenType	HIV Specimen Type	
V419	HIVSampleID	Unique HIV Specimen Identifier	
V420	HIVResult	HIV Result	
V421	HIVFieldWorker	HIV FieldWorker	
V422	WeekBlock	Week Block	
V423	Isigodi	Isigodi	
V424	IsigodiName	Name of Isigodi	
V425	LocalArea	LocalArea	
V426	LocalAreaName	Name of Local Area	
V427	icRapidHIVTest	Rapid HIV Test Consent	
V428	icConventionalHIVTest	Conventional HIV Test Consent	
V429	icStored	Storage Consent	
V430	icRecontactSample	Recontact Sample Consent	
V431	icHealth	General Health Consent	
V432	icSexualBehaviour	Sexual Behaviour Consent	

ID	Name	Label	Question
V433	icRecontactQA	Recontact for QA Consent	
V434	icRecontactOtherInfo	Recontact Other Info Consent	
V435	icFieldworker	Fieldworker inform consent	
V436	UsePhoneEmail	Do you use your cellphone for email	
V437	UsePhoneWhatsApp	Do you use your cellphone for social media such as WhatsApp, Facebook, Twitter, I	
V438	UsePhoneInternet	Do you use your cellphone to search information on internet using search engines	
V439	UsePhoneCallText	Do you use your cellphone for calls or texting?	
V440	UsePhoneBank	Do you use your cell phone for any financial services such as sending money, buyi	
V441	UsePhoneEntertain	Do you use your cellphone for games or entertainment such as YouTube?	
V442	UsePhoneHealthTrack	Do you use your cellphone for health tracking such as mom-connect and B-Wise, fit	
V443	HIVSpecimenCollec	Was HIV Specimen Collected?	
V444	RapidTestDone	Was Rapid Test Done?	
V445	RapidTestIndivCoup	Was testing performed Individually or as a Couple?	
V446	AQ1RapidTestResult	AQ1 Rapid Test Result	
V447	AQ2RapidTestResult	AQ2 Rapid Test Result	
V448	Abon1RapidTestResult	Abon1 Rapid Test Result	
V449	Abon2RapidTestResult	Abon2 Rapid Test Result	
V450	ElisaSampleCollec	Was Elisa Sample Collected?	
V451	ElisaSampleDate	Elisa Sample Date	
V452	ElisaHIVTestResult	Elisa HIV Test Result	
V453	ElisaSampleCollecRep	Was Elisa Sample Collec Rep	
V454	RapidHIVResult	HIV Rapid Test Result	
V455	PartAlreadyAttClinic	Participant Already Attending Clinic	
V456	ConsentRecordAttendanceClinic	Consent to record attendance at clini	
V457	ConsentSMSContact	Consent to SMS contact (and choose message)	
V458	ConsentPhoneCall	Consent for a Phone Call	
V459	AccessResidualSpecimensDOH	Consent to access residual specimens (blood and tissue) from Department of Health	
V460	AccessResidualSpecimDOHUnder18	Consent to access residual specimens (blood and tissue) from Department of Health	
V461	ContactFutureInfoAfterlinkage	Consent to be contacted in future on the basis of information obtained after link	
V462	ContactFutureInfoAfterlinkUndr18	Consent for my children (under 18 years) to be contacted in future on the basis o	
V463	ContactFutureInfoDirProvUnder18	Consent for my children (under 18 years) to be contacted in future on the basis o	
V464	ReceivedHIVTestResult	Have you ever received a test result for HIV?	
V465	HadPosHIVResult	Have you ever had a positive HIV test result?	
V466	CurrentlyOnART	Are you currently receiving ART?	
V467	When1stHIVPosResult	When was your first positive test result?	
V468	WhenLastHIVNegResult	When was your last negative test result?	
V469	WhenARTInitiated	When did you first start ART?	
V470	PlaceCurrentlyReceiveART	Where do you currently receive your ART from?	

Total: 76



**IINTID: Unique Internal Id of Individual****Data file: RD05-16 ACDIS HIV 2019****Overview**

Valid: 64132 Invalid: 0 Minimum: 17 Maximum: 241036 Mean: 130490.412 Standard deviation: 73044.209

Type: Continuous Decimal: 0 Width: 12 Range: 17 - 241036 Format: Numeric

**BMFSTATUSOBSERVATION: BMFStatusObservation Id****Data file: RD05-16 ACDIS HIV 2019****Overview**

Valid: 39032 Invalid: 25100 Minimum: 562095 Maximum: 601286 Mean: 581693.285 Standard deviation: 11315.154

Type: Continuous Decimal: 0 Width: 12 Range: 562095 - 601286 Format: Numeric

**SEX: Sex****Data file: RD05-16 ACDIS HIV 2019****Overview**

Valid: 63865 Invalid: 267

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

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Male	25731	40.3%
2	Female	38134	59.7%
9	Unknown	0	0%
Sysmiss		267	

**DATEOFBIRTH: Date of birth****Data file: RD05-16 ACDIS HIV 2019****Overview**

Valid: 63865 Minimum: 1798-01-01 Maximum: 2016-11-07

Type: Discrete Width: 11 Range: - Format: character

**VISITDATE: Visit Date****Data file: RD05-16 ACDIS HIV 2019**

**Overview**

Valid: 63613 Minimum: 2019-01-22 Maximum: 2019-12-05  
 Type: Discrete Width: 11 Range: - Format: character

**VISITTYPE: Visit Type**

Data file: RD05-16 ACDIS HIV 2019

**Overview**

Valid: 39119 Invalid: 25013  
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Avoided Visit	0	0%
2	Unsuccessful Visit	0	0%
3	Regular Visit	29467	75.3%
4	Special Task Visit	0	0%
5	Problem Solving	0	0%
6	Quality Control	0	0%
7	Spot Check	0	0%
8	Tracking	9652	24.7%
9	Verbal Autopsy	0	0%
10	Mapping Visit	0	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	0	0%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	0	0%
99	Missing	0	0%
Sysmiss		25013	

**VISITYPENAME: Visit Type****Data file: RD05-16 ACDIS HIV 2019****Overview**

Valid: 39119 Invalid: 0  
 Type: Discrete Width: 30 Range: - Format: character

**RESIDENCYBSINTID: Bounded Structure Id at the time of drawing eligibility list****Data file: RD05-16 ACDIS HIV 2019****Overview**

Valid: 64132 Invalid: 0 Minimum: 11 Maximum: 90835 Mean: 17195.807 Standard deviation: 14786.221  
 Type: Continuous Decimal: 0 Width: 12 Range: 11 - 90835 Format: Numeric

**PIPSA: Population Intervention Programme Study Area****Data file: RD05-16 ACDIS HIV 2019****Overview**

Valid: 64132 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	South	37619	58.7%
2	North	26513	41.3%

**FORMREFUSED: FormRefused****Data file: RD05-16 ACDIS HIV 2019****Overview**

Valid: 63484 Invalid: 648  
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Yes	4497	7.1%
2	No	34546	54.4%
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	24441	38.5%
98	Don't know	0	0%
99	Missing	0	0%
Sysmiss		648	

### FORMREFUSED BY: Form Refused By

Data file: RD05-16 ACDIS HIV 2019

#### Overview

Valid: 39032 Invalid: 25100

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

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Self	4116	10.5%
2	Partner	66	0.2%
3	HH head	110	0.3%
4	BS owner	111	0.3%
5	Other	82	0.2%
97	Not applicable	34547	88.5%
99	Missing	0	0%
Sysmiss		25100	

### FORMREFUSED BY NAME: Form Refused By

Data file: RD05-16 ACDIS HIV 2019

#### Overview

Valid: 39032 Invalid: 0

Type: Discrete Width: 30 Range: - Format: character

### FORMREFUSED BY OTHER SPECIFY: Form Refused By Other Specify

Data file: RD05-16 ACDIS HIV 2019

**Overview**

Valid: 82

Type: Discrete Width: 200 Range: - Format: character

**PREMATURECOMPLETIONREASONS: Premature Completion Reasons****Data file: RD05-16 ACDIS HIV 2019****Overview**

Valid: 24429 Invalid: 39703

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	10	0%
2	Temporarily away for more than 2 months	1080	4.4%
3	Non-Functional BS	0	0%
4	Reported Dead	833	3.4%
5	Household dissolution	0	0%
6	HH Migrated External	0	0%
7	Household Migrations	0	0%
8	HH Migrated Internal	0	0%
9	OutMigrated	8475	34.7%
10	Mentally Disabled	151	0.6%
11	Migrated unknown destination	645	2.6%
12	Non-Contact After Tracking	887	3.6%
13	No HSE Informant	0	0%
14	Refused Bundles	0	0%
15	Refused HSE	0	0%
16	Refused Tracking	0	0%
17	Very Sick	0	0%
96	Other Reason	12348	50.5%
97	Not applicable	0	0%
Sysmiss		39703	

**PREMATURECOMPLETIONREASONSNAME: Premature Completion Reason Name****Data file: RD05-16 ACDIS HIV 2019**

**Overview**

Valid: 24429 Invalid: 0  
 Type: Discrete Width: 50 Range: - Format: character

**HIVREFUSED: HIV Refused**

Data file: RD05-16 ACDIS HIV 2019

**Overview**

Valid: 39032 Invalid: 25100  
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Yes	25224	64.6%
2	No	9323	23.9%
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	4485	11.5%
98	Don't know	0	0%
99	Missing	0	0%
Sysmiss		25100	

**HIVREFUSED BY: HIV Refused By**

Data file: RD05-16 ACDIS HIV 2019

**Overview**

Valid: 39032 Invalid: 25100  
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Self	25223	64.6%
2	Partner	0	0%

3	HH head	0	0%
4	BS owner	0	0%
5	Other	0	0%
97	Not applicable	13809	35.4%
99	Missing	0	0%
Sysmiss		25100	

### HIVREFUSEDBYNAME: Person who refused HIV survey participation

Data file: RD05-16 ACDIS HIV 2019

#### Overview

Valid: 39032 Invalid: 0  
 Type: Discrete Width: 30 Range: - Format: character

### HIVREFUSEDBYOTHERSPEC: HIV Refused By Other Specify

Data file: RD05-16 ACDIS HIV 2019

#### Overview

Valid: 0 Invalid: 0  
 Type: Discrete Width: 10 Range: - Format: character

### CONSENTHIVTEST: HIV Test Consent

Data file: RD05-16 ACDIS HIV 2019

#### Overview

Valid: 34547 Invalid: 29585  
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Consented	9330	27%
2	Did not consent	3024	8.8%
99	Missing	22193	64.2%
Sysmiss		29585	

### CONSENTSPECIMENSTORED: Specimen Stored Consent

Data file: RD05-16 ACDIS HIV 2019

**Overview**

Valid: 34547 Invalid: 29585  
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Consented	9522	27.6%
2	Did not consent	2832	8.2%
99	Missing	22193	64.2%
Sysmiss		29585	

**CONSENTRECONTACTINFUTURE: Recontact in Future Consent**

Data file: RD05-16 ACDIS HIV 2019

**Overview**

Valid: 34547 Invalid: 29585  
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Consented	32078	92.9%
2	Did not consent	2448	7.1%
99	Missing	21	0.1%
Sysmiss		29585	

**HIVSAMPLEAVAILABLE: HIV Sample Available**

Data file: RD05-16 ACDIS HIV 2019

**Overview**

Valid: 39032 Invalid: 25100  
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 3 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Yes	9323	23.9%

2	No,but there is a BMFStatusObs	29709	76.1%
3	Yes, but the HIV result was obtained from Vukuzazi study	0	0%
Sysmiss		25100	

### HIVSPECIMENTYPE: HIV Specimen Type

Data file: RD05-16 ACDIS HIV 2019

#### Overview

Valid: 39032 Invalid: 0  
Type: Discrete Width: 3 Range: - Format: character

### HIVSAMPLEID: Unique HIV Specimen Identifier

Data file: RD05-16 ACDIS HIV 2019

#### Overview

Valid: 11676 Invalid: 0  
Type: Discrete Width: 15 Range: - Format: character

### HIVRESULT: HIV Result

Data file: RD05-16 ACDIS HIV 2019

#### Overview

Valid: 39708 Invalid: 24424  
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 99 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0	Negative	7830	19.7%
1	Positive	3827	9.6%
2	Indeterminate	15	0%
3	Insufficient sample volume	0	0%
4	Spurious (probably not this person)	1	0%
5	Spurious negative(HIV reverse seroconversion)	0	0%
6	Spurious positive(HIV reverse seroconversion)	0	0%
93	Refused	0	0%
97	Not applicable	28035	70.6%
99	Missing	0	0%
Sysmiss		24424	

**HIVFIELDWORKER: HIV FieldWorker****Data file: RD05-16 ACDIS HIV 2019****Overview**

Valid: 39032    Invalid: 0  
 Type: Discrete    Width: 3    Range: -    Format: character

**WEEKBLOCK: Week Block****Data file: RD05-16 ACDIS HIV 2019****Overview**

Valid: 36618    Invalid: 0  
 Type: Discrete    Width: 6    Range: -    Format: character

**ISIGODI: Isigodi****Data file: RD05-16 ACDIS HIV 2019****Overview**

Valid: 64132    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	2272	3.5%
6	Egula (Hlabisa)	0	0%
7	Egula (Mdletshe)	0	0%
8	Ekuphisweni	0	0%
9	Empembeni	0	0%
10	Esiyembeni	821	1.3%
11	Gunjaneni	1052	1.6%
12	Hlabisa Mission	0	0%
13	Hlambanyathi	0	0%
14	Inhlawathi	0	0%

15	Khalokazi	0	0%
16	KwaMsane (Isigodi)	6014	9.4%
17	KwaMsane (Township)	1509	2.4%
18	KwaMseme	0	0%
19	Kwahoho	639	1%
20	Mabudeni	0	0%
21	Mabhokweni	0	0%
22	Machibini	2116	3.3%
23	Macekeni	0	0%
24	Macambini	627	1%
25	Madondo	0	0%
26	Mfekayi	7912	12.3%
27	Mgangatho	0	0%
28	Mahunjini	361	0.6%
29	Makhambane	629	1%
30	Makopini	0	0%
31	Mapheleni	1624	2.5%
32	Mshaya	1053	1.6%
33	Mthwadhana	0	0%
34	Matshamnyama-East	0	0%
35	Matshamhlophe	0	0%
36	Matshamnyama-West	0	0%
37	Mathunzi	0	0%
38	Mvutshini	1143	1.8%
39	Madwaleni	1560	2.4%
40	Myeki	2488	3.9%
41	Ncwabakazi	0	0%
42	Ndlovu Village	1545	2.4%
43	Ngondini	0	0%
44	Nkundusi	2397	3.7%
45	Nkolokotho	2446	3.8%
46	Nkombose	4441	6.9%
47	Makhowe	0	0%
48	Nomathiya	1180	1.8%
49	Nompondo	1563	2.4%
50	Nqopheni	1739	2.7%
51	Nsolweni	1752	2.7%
52	Mthekwini	0	0%
53	Ogengele	2662	4.2%

54	Ophondweni	5866	9.1%
55	Ophaphasi (Mdletshe)	0	0%
56	Ophaphasi (Mpukunyoni)	863	1.3%
57	Qakwini	2739	4.3%
58	Qunwane	0	0%
59	Shikishela	3119	4.9%
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%

## ISIGODINAME: Name of Isigodi

Data file: RD05-16 ACDIS HIV 2019

### Overview

Valid: 64132 Invalid: 0  
Type: Discrete Width: 30 Range: - Format: character

## LOCALAREA: LocalArea

Data file: RD05-16 ACDIS HIV 2019

### Overview

Valid: 64132 Invalid: 0  
Type: Discrete Decimal: 0 Width: 12 Range: 1 - 9999 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	African	51	0.1%
2	Bhoboza	497	0.8%
3	Bhedangaye	374	0.6%
4	Bhekamandla	705	1.1%
5	Bhokoza	252	0.4%
6	Bhekuzulu	112	0.2%
7	Bongumusa	804	1.3%

8	Buya	342	0.5%
9	Bonanyoni	106	0.2%
10	Chwebeni	858	1.3%
11	Cakula	86	0.1%
12	Danyini	33	0.1%
13	Dubelenkunzi	1405	2.2%
14	Dibheni	179	0.3%
15	Dukingane	74	0.1%
16	Dlokodlweni	175	0.3%
17	Ebhekani	60	0.1%
18	Ebaswazini	939	1.5%
19	Edutch	492	0.8%
20	Egedeni	392	0.6%
21	Esiphambanweni	854	1.3%
22	Embotsheni	253	0.4%
23	Embongolweni	400	0.6%
24	Emambeni	52	0.1%
25	Emathuneni	262	0.4%
26	Enyakane	20	0%
27	Esiphahleni	304	0.5%
28	Esiqiwini	46	0.1%
29	Esiyembeni	0	0%
30	Ebethangwe	346	0.5%
31	Ekuthokojeni	59	0.1%
32	Etsheni	300	0.5%
33	Edwalaneni	147	0.2%
34	Eziqaweni	266	0.4%
35	Ezimpehlweni	127	0.2%
36	Fukula	46	0.1%
37	Gagwini	90	0.1%
38	Gwabalanda	293	0.5%
39	Gugulethu	503	0.8%
40	Gotshi	19	0%
41	Gunjaneni	1292	2%
42	Gwebu	59	0.1%
43	Hambanathi	103	0.2%
44	Hluhluwe	141	0.2%
45	Hlumisa	6	0%
46	Hlazane	116	0.2%

47	Igwedla	42	0.1%
48	Indlovu	117	0.2%
49	Kwamsane Reserve	3395	5.3%
50	Kwamsane Township	2	0%
51	Kwasqumbe	238	0.4%
52	KwaMsane Township Central (W3)	379	0.6%
53	KwaMsane Township North (W2)	546	0.9%
54	KwaMsane Township South (W4)	577	0.9%
55	Kwahoho	370	0.6%
56	Kwagxaba	14	0%
57	Kwayoung	280	0.4%
58	Kwiliza	470	0.7%
59	Maqaka	54	0.1%
60	Mashaya	192	0.3%
61	Mazala	1782	2.8%
62	Mabhensa	147	0.2%
63	Mbomeni	335	0.5%
64	Machibini	275	0.4%
65	Mchakwini	1709	2.7%
66	Macambini	342	0.5%
67	Mchachazo	75	0.1%
68	Mdlambila	191	0.3%
69	Mdolomba	893	1.4%
70	Makhwela	374	0.6%
71	Msengeni	65	0.1%
72	Mfekayi	838	1.3%
73	Mfolozi	195	0.3%
74	Magodi	63	0.1%
75	Mgasela	877	1.4%
76	Magqayiza	43	0.1%
77	Mgeza	31	0%
78	Mahlabathini	21	0%
79	Mahunjini	124	0.2%
80	Majonijoni	111	0.2%
81	Macijaq	56	0.1%
82	Makhambane	525	0.8%
83	Makhandeni	135	0.2%
84	Mkhondweni	42	0.1%
85	Mkhathazi	89	0.1%

86	Mcakwaneni	183	0.3%
87	Mlambo	141	0.2%
88	Majamisa	126	0.2%
89	Manandi	286	0.4%
90	Mnyakaja	150	0.2%
91	Mnyaba	124	0.2%
92	Mgodla	0	0%
93	Mapheleni	365	0.6%
94	Mpukunyoni	684	1.1%
95	Maqanda	514	0.8%
96	Mshaya	618	1%
97	Mtshongweni	60	0.1%
98	Mtholo	493	0.8%
99	Mtshengwana	38	0.1%
100	Manyunyumbe	200	0.3%
101	Mvutshini	116	0.2%
102	Mganwini	274	0.4%
103	Madwaleni	324	0.5%
104	Machwetshana	310	0.5%
105	Myeki	21	0%
106	Mayiya	47	0.1%
107	Mvananda	81	0.1%
108	Manzamnandi	426	0.7%
109	Mfolozaneni	249	0.4%
110	Nyakane N	53	0.1%
111	Nyakane S	42	0.1%
112	Ncemane	466	0.7%
113	Nondubela	845	1.3%
114	Indlovu Village	1428	2.2%
115	Ngqimlana	431	0.7%
116	Ngongolo	248	0.4%
117	Ngodane	82	0.1%
118	Ngutsheni	394	0.6%
119	Nhlonyani	452	0.7%
120	Ninela	147	0.2%
121	Njiniwayo	117	0.2%
122	Njojo	299	0.5%
123	Nkonjane	279	0.4%
124	Nkhobo	742	1.2%

125	Nkundusi	1339	2.1%
126	Nkangala	139	0.2%
127	Nkolokotho	126	0.2%
128	Nkombose	2312	3.6%
129	Nkodibe	1603	2.5%
130	Nkatha	454	0.7%
131	Nkumbane	245	0.4%
132	Nkwalini	131	0.2%
133	Nkayeni	84	0.1%
134	Nomathiya	374	0.6%
135	Nompondo	670	1%
136	Ngqumela	47	0.1%
137	Nqaweni North	64	0.1%
138	Nqaweni South	61	0.1%
139	Nqumbo	15	0%
140	Nsane	1702	2.7%
141	Nkostini	52	0.1%
142	Nsolweni	439	0.7%
143	Ntandabantu	351	0.5%
144	Ntiningwe	251	0.4%
145	Ntungwana	77	0.1%
146	Ntweni	909	1.4%
147	Nkovuka	220	0.3%
148	Nyalazi	68	0.1%
149	Ogengele	432	0.7%
150	Okhalanja	156	0.2%
151	Ophondweni	366	0.6%
152	Oqondweni	41	0.1%
153	Payipini	394	0.6%
154	Phaphamani	98	0.2%
155	Phuzudele	49	0.1%
156	Paradise	102	0.2%
157	Qakwini	1599	2.5%
158	Qubuka	610	1%
159	Sibomvu	29	0%
160	Sgqogqogqweni	226	0.4%
161	Shunqa	270	0.4%
162	Shozi	41	0.1%
163	Sivivanveni	103	0.2%

164	Shikishela	1490	2.3%
165	Somkhele	1341	2.1%
166	Sunjwaneni	326	0.5%
167	Sobayeka	57	0.1%
168	Sogceke	46	0.1%
169	Sipheko	153	0.2%
170	Swalihle	39	0.1%
171	Sanyoka	61	0.1%
172	Shayamoya	71	0.1%
173	Tamu	282	0.4%
174	Thandanani	744	1.2%
175	Thenjana	167	0.3%
176	Vezunyawo	124	0.2%
177	Zibomvini	65	0.1%
178	Zululiyaduma	61	0.1%
179	Zimambeni	139	0.2%
180	Zinkonjane	716	1.1%
181	Zwelethu	92	0.1%
9993	_refused	0	0%
9994	_query	0	0%
9995	_default	0	0%
9996	_other	0	0%
9997	_non applicable	0	0%
9998	_don't know	0	0%
9999	_missing	0	0%

### LOCALAREANAME: Name of Local Area

Data file: RD05-16 ACDIS HIV 2019

#### Overview

Valid: 64132    Invalid: 0  
 Type: Discrete    Width: 30    Range: -    Format: character

### ICRAPIDHIVTEST: Rapid HIV Test Consent

Data file: RD05-16 ACDIS HIV 2019

#### Overview

Valid: 34547    Invalid: 29585  
 Type: Discrete    Decimal: 0    Width: 12    Range: 1 - 99    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Yes	5224	15.1%
2	No	7129	20.6%
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	22194	64.2%
Sysmiss		29585	

## ICCONVENTIONALHIVTEST: Conventional HIV Test Consent

Data file: RD05-16 ACDIS HIV 2019

### Overview

Valid: 34547 Invalid: 29585

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

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Consented	9330	27%
2	Did not consent	3024	8.8%
99	Missing	22193	64.2%
Sysmiss		29585	

## ICSTORED: Storage Consent

Data file: RD05-16 ACDIS HIV 2019

### Overview

Valid: 34547 Invalid: 29585

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

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Consented	9522	27.6%
2	Did not consent	2832	8.2%
99	Missing	22193	64.2%
Sysmiss		29585	

## ICRECONTACTSAMPLE: Recontact Sample Consent

Data file: RD05-16 ACDIS HIV 2019

### Overview

Valid: 34547 Invalid: 29585

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

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Consented	0	0%
2	Did not consent	0	0%
99	Missing	34547	100%
Sysmiss		29585	

## ICHEALTH: General Health Consent

Data file: RD05-16 ACDIS HIV 2019

### Overview

Valid: 34547 Invalid: 29585

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

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Consented	33520	97%
2	Did not consent	1026	3%
99	Missing	1	0%
Sysmiss		29585	

**ICSEXUALBEHAVIOUR: Sexual Behaviour Consent****Data file: RD05-16 ACDIS HIV 2019****Overview**

Valid: 34547    Invalid: 29585  
 Type: Discrete    Decimal: 0    Width: 12    Range: 1 - 99    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Consented	27031	78.2%
2	Did not consent	7515	21.8%
99	Missing	1	0%
Sysmiss		29585	

**ICRECONTACTQA: Recontact for QA Consent****Data file: RD05-16 ACDIS HIV 2019****Overview**

Valid: 34547    Invalid: 29585  
 Type: Discrete    Decimal: 0    Width: 12    Range: 1 - 99    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Consented	0	0%
2	Did not consent	0	0%
99	Missing	34547	100%
Sysmiss		29585	

**ICRECONTACTOTHERINFO: Recontact Other Info Consent****Data file: RD05-16 ACDIS HIV 2019****Overview**

Valid: 34547    Invalid: 29585  
 Type: Discrete    Decimal: 0    Width: 12    Range: 1 - 99    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Consented	32078	92.9%
2	Did not consent	2448	7.1%
99	Missing	21	0.1%
Sysmiss		29585	

### ICFIELDWORKER: Fieldworker inform consent

Data file: RD05-16 ACDIS HIV 2019

#### Overview

Valid: 34547 Invalid: 0  
 Type: Discrete Width: 4 Range: - Format: character

### USEPHONEEMAIL: Do you use your cellphone for email

Data file: RD05-16 ACDIS HIV 2019

#### Overview

Valid: 34547 Invalid: 29585  
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Yes	3041	8.8%
2	No	24061	69.6%
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	7445	21.6%
Sysmiss		29585	

**USEPHONEWHATSAPP: Do you use your cellphone for social media such as WhatsApp, Facebook, Twitter, I****Data file: RD05-16 ACDIS HIV 2019****Overview**Valid: 34547 Invalid: 29585  
Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Yes	7428	21.5%
2	No	19682	57%
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	7437	21.5%
Sysmiss		29585	

**USEPHONEINTERNET: Do you use your cellphone to search information on internet using search engines****Data file: RD05-16 ACDIS HIV 2019****Overview**Valid: 34547 Invalid: 29585  
Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Yes	6057	17.5%
2	No	21032	60.9%
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	7458	21.6%
Sysmiss		29585	

### USEPHONECALLTEXT: Do you use your cellphone for calls or texting?

Data file: RD05-16 ACDIS HIV 2019

#### Overview

Valid: 34547 Invalid: 29585

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

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	Yes	25101	72.7%
2	No	2018	5.8%
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	7428	21.5%
Sysmiss		29585	

### USEPHONEBANK: Do you use your cell phone for any financial services such as sending money, buyi

Data file: RD05-16 ACDIS HIV 2019

**Overview**

Valid: 34547 Invalid: 29585  
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Yes	10635	30.8%
2	No	16476	47.7%
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	7436	21.5%
Sysmiss		29585	

**USEPHONEENTERTAIN: Do you use your cellphone for games or entertainment such as YouTube?**

Data file: RD05-16 ACDIS HIV 2019

**Overview**

Valid: 34547 Invalid: 29585  
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Yes	4914	14.2%
2	No	22200	64.3%
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	7433	21.5%
Sysmiss		29585	

### USEPHONEHEALTHTRACK: Do you use your cellphone for health tracking such as mom-connect and B-Wise, fit

Data file: RD05-16 ACDIS HIV 2019

#### Overview

Valid: 34547 Invalid: 29585  
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	Yes	1158	3.4%
2	No	25924	75%
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	7465	21.6%
Sysmiss		29585	

### HIVSPECIMENCOLLEC: Was HIV Specimen Collected?

Data file: RD05-16 ACDIS HIV 2019

#### Overview

Valid: 9333 Invalid: 54799  
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	Yes	9324	99.9%
2	No	9	0.1%
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		54799	

## RAPIDTESTDONE: Was Rapid Test Done?

Data file: RD05-16 ACDIS HIV 2019

### Overview

Valid: 5230 Invalid: 58902

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

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Yes	5206	99.5%
2	No	24	0.5%
90	SpecialQuery	0	0%
92	Deprecated	0	0%
93	Refused	0	0%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	0	0%
98	Don't know	0	0%
99	Missing	0	0%
Sysmiss		58902	

**RAPIDTESTINDIVCOUP: Was testing performed Individually or as a Couple?****Data file: RD05-16 ACDIS HIV 2019****Overview**

Valid: 34547    Invalid: 29585  
 Type: Discrete    Decimal: 0    Width: 12    Range: 1 - 99    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Individual Rapid HIV Testing	5179	15%
2	Couple Rapid HIV Testing	35	0.1%
99	Missing	29333	84.9%
Sysmiss		29585	

**AQ1RAPIDTESTRESULT: AQ1 Rapid Test Result****Data file: RD05-16 ACDIS HIV 2019****Overview**

Valid: 34547    Invalid: 0  
 Type: Discrete    Width: 3    Range: -    Format: character

**AQ2RAPIDTESTRESULT: AQ2 Rapid Test Result****Data file: RD05-16 ACDIS HIV 2019****Overview**

Valid: 34547    Invalid: 0  
 Type: Discrete    Width: 3    Range: -    Format: character

**ABON1RAPIDTESTRESULT: Abon1 Rapid Test Result****Data file: RD05-16 ACDIS HIV 2019****Overview**

Valid: 34547    Invalid: 0  
 Type: Discrete    Width: 3    Range: -    Format: character

**ABON2RAPIDTESTRESULT: Abon2 Rapid Test Result****Data file: RD05-16 ACDIS HIV 2019**

**Overview**

Valid: 34547 Invalid: 0  
 Type: Discrete Width: 3 Range: - Format: character

---

**ELISASAMPLECOLLEC: Was Elisa Sample Collected?**

Data file: RD05-16 ACDIS HIV 2019

**Overview**

Valid: 6 Invalid: 0  
 Type: Discrete Width: 1 Range: - Format: character

---

**ELISASAMPLEDATE: Elisa Sample Date**

Data file: RD05-16 ACDIS HIV 2019

**Overview**

Valid: 5 Minimum: 2019-03-15 Maximum: 2019-10-30  
 Type: Discrete Width: 11 Range: - Format: character

---

**ELISAHIVTESTRESULT: Elisa HIV Test Result**

Data file: RD05-16 ACDIS HIV 2019

**Overview**

Valid: 34547 Invalid: 0  
 Type: Discrete Width: 1 Range: - Format: character

---

**ELISASAMPLECOLLECREP: Was Elisa Sample Collec Rep**

Data file: RD05-16 ACDIS HIV 2019

**Overview**

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

---

**RAPIDHIVRESULT: HIV Rapid Test Result**

Data file: RD05-16 ACDIS HIV 2019

**Overview**

Valid: 34547 Invalid: 29585  
 Type: Discrete Decimal: 0 Width: 12 Range: 0 - 99 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0	Negative	4979	14.4%
1	Positive	220	0.6%
2	Indeterminate	0	0%
3	Insufficient sample volume	5	0%
4	Spurious (probably not this person)	2	0%
5	Spurious negative(HIV reverse seroconversion)	0	0%
6	Spurious positive(HIV reverse seroconversion)	0	0%
93	Refused	0	0%
97	Not applicable	7129	20.6%
99	Missing	22212	64.3%
Sysmiss		29585	

## PARTALREADYATTCLINIC: Participant Already Attending Clinic

Data file: RD05-16 ACDIS HIV 2019

### Overview

Valid: 223 Invalid: 63909

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

### Questions and instructions

## CATEGORIES

Value	Category	Cases	
1	Yes	57	25.6%
2	No	166	74.4%
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		63909	

**CONSENTRECORDATTENDANCECLINIC: Consent to record attendance at clini****Data file: RD05-16 ACDIS HIV 2019****Overview**

Valid: 34547    Invalid: 0  
 Type: Discrete    Width: 1    Range: -    Format: character

---

**CONSENTSMSCONTACT: Consent to SMS contact (and choose message)****Data file: RD05-16 ACDIS HIV 2019****Overview**

Valid: 34547    Invalid: 0  
 Type: Discrete    Width: 1    Range: -    Format: character

---

**CONSENTPHONECALL: Consent for a Phone Call****Data file: RD05-16 ACDIS HIV 2019****Overview**

Valid: 34547    Invalid: 0  
 Type: Discrete    Width: 1    Range: -    Format: character

---

**ACCESSRESIDUALSPECIMENSDOH: Consent to access residual specimens (blood and tissue) from Department of Health****Data file: RD05-16 ACDIS HIV 2019****Overview**

Valid: 34547    Invalid: 0  
 Type: Discrete    Width: 1    Range: -    Format: character

---

**ACCESSRESIDUALSPECIMDOHUNDER18: Consent to access residual specimens (blood and tissue) from Department of Health****Data file: RD05-16 ACDIS HIV 2019****Overview**

Valid: 34547    Invalid: 0  
 Type: Discrete    Width: 1    Range: -    Format: character

---

**CONTACTFUTUREINFOAFTERLINKAGE: Consent to be contacted in future on the basis of information obtained after link****Data file: RD05-16 ACDIS HIV 2019**

**Overview**

Valid: 34547    Invalid: 0  
 Type: Discrete    Width: 1    Range: -    Format: character

**CONTACTFUTUREINFOAFTERLINKUNDR18: Consent for my children (under 18 years) to be contacted in future on the basis o**

Data file: RD05-16 ACDIS HIV 2019

**Overview**

Valid: 34547    Invalid: 0  
 Type: Discrete    Width: 1    Range: -    Format: character

**CONTACTFUTUREINFODIRPROVUNDER18: Consent for my children (under 18 years) to be contacted in future on the basis o**

Data file: RD05-16 ACDIS HIV 2019

**Overview**

Valid: 34547    Invalid: 0  
 Type: Discrete    Width: 1    Range: -    Format: character

**RECEIVEDHIVTESTRESULT: Have you ever received a test result for HIV?**

Data file: RD05-16 ACDIS HIV 2019

**Overview**

Valid: 34547    Invalid: 29585  
 Type: Discrete    Decimal: 0    Width: 12    Range: 1 - 99    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Yes	30515	88.3%
2	No	2352	6.8%
90	SpecialQuery	0	0%
92	Deprecated	0	0%
93	Refused	654	1.9%
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	1026	3%
Sysmiss		29585	

## HADPOSHIVRESULT: Have you ever had a positive HIV test result?

Data file: RD05-16 ACDIS HIV 2019

### Overview

Valid: 34547 Invalid: 29585  
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Yes	6388	18.5%
2	No	26214	75.9%
90	SpecialQuery	0	0%
92	Deprecated	0	0%
93	Refused	919	2.7%
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	1026	3%
Sysmiss		29585	

## CURRENTLYONART: Are you currently receiving ART?

Data file: RD05-16 ACDIS HIV 2019

### Overview

Valid: 34547 Invalid: 29585  
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Yes	6095	17.6%
2	No	281	0.8%

90	SpecialQuery	0	0%
92	Deprecated	0	0%
93	Refused	15	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	28156	81.5%
Sysmiss		29585	

### WHEN1STHIVPOSRESULT: When was your first positive test result?

Data file: RD05-16 ACDIS HIV 2019

#### Overview

Valid: 34547 Invalid: 29585

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

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	More than one year ago	428	1.2%
2	Less than on year ago	5948	17.2%
3	Never got the results	0	0%
92	Deprecated	0	0%
93	Refused	18	0.1%
99	Missing	28153	81.5%
Sysmiss		29585	

### WHENLASTHIVNEGRESULT: When was your last negative test result?

Data file: RD05-16 ACDIS HIV 2019

#### Overview

Valid: 34547 Invalid: 29585

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

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	More than one year ago	11087	32.1%
2	Less than on year ago	18107	52.4%
3	Never got the results	4327	12.5%
92	Deprecated	0	0%
93	Refused	0	0%
99	Missing	1026	3%
Sysmiss		29585	

### WHENARTINITIATED: When did you first start ART?

Data file: RD05-16 ACDIS HIV 2019

#### Overview

Valid: 34547 Invalid: 29585

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

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	More than one year ago	119	0.3%
2	Less than on year ago	2937	8.5%
3	Never got the results	0	0%
92	Deprecated	0	0%
93	Refused	0	0%
99	Missing	31491	91.2%
Sysmiss		29585	

### PLACECURRENTLYRECEIVEART: Where do you currently receive your ART from?

Data file: RD05-16 ACDIS HIV 2019

#### Overview

Valid: 34547 Invalid: 29585

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

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	Clinic	0	0%

2	Mobile clinic	0	0%
3	NGO	0	0%
4	Out side PIPSA	0	0%
5	Pick up Point	0	0%
6	Private doctor	0	0%
92	_deprecated	0	0%
93	Refuse	0	0%
99	_missing	34547	100%
Sysmiss		29585	

# Download related resources

## Questionnaires

### Questionnaire:Individual Health Observation Form (IHO)

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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

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## Technical documents

### DDI:ACDIS.HIV.2019

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Title DDI:ACDIS.HIV.2019  
Author(s) Nompumelelo Mkwanazi  
Date 05-06-2025  
Country South Africa  
Language English  
Publisher(s) Nompumelelo Mkwanazi  
Filename RD05-16.ACDIS.HIV.2019.pdf

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