

## **South Africa**

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## **AHRI HDSS: Individual Health Surveillance HIV 2022**

### **Study Documentation**

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# Metadata Production

<b>Metadata Producer(s)</b>	Africa Health Research Institute (AHRI)
<b>Identification</b>	DDI.AHRI.RD05-19.HDSS.HIV.2022

# Table of Contents

<a href="#">Overview</a> .....	4
<a href="#">Scope &amp; Coverage</a> .....	5
<a href="#">Producers &amp; Sponsors</a> .....	6
<a href="#">Sampling</a> .....	6
<a href="#">Data Collection</a> .....	6
<a href="#">Data Processing &amp; Appraisal</a> .....	6
<a href="#">Accessibility</a> .....	7
<a href="#">Files Description</a> .....	8
<a href="#">RD05-19 ACDIS HIV 2022</a> .....	8
<a href="#">Variables List</a> .....	9
<a href="#">RD05-19 ACDIS HIV 2022</a> .....	9
<a href="#">Variables Description</a> .....	12
<a href="#">RD05-19 ACDIS HIV 2022</a> .....	13

## AHRI HDSS:Individual Health Surveillance HIV 2022

### Overview

<b>Identification</b>	AHRI.RD05-19.HDSS.HIV.2022
<b>Version</b>	v1.0.0

### 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 85,000 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 Majazi, Gregory Ordington-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, Barnighausen 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, Barnighausen 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, Majazi N, Ehlers E, Dreyer J, Nxumalo S, Dayi N, Ordington-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.

<b>Kind of Data</b>	Surveillance data
<b>Unit of Analysis</b>	AHRI HDSS Individual surveillance eligible individuals

## Scope & Coverage

<b>Keywords</b>	South Africa, Surveillance, Epidemiology, HIV, Population Cohort
<b>Topics</b>	HIV, Population, Surveillance, HIV Incidence, HIV prevalence, Epidemiology, Africa, Demography, information systems, South Africa, KwaZulu-Natal, Medical, Population Intervention
<b>Time Period(s)</b>	2022-2023
<b>Countries</b>	South Africa

### **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 Majazi, Gregory Ordington-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 & Sponsors**

<b>Primary Investigator(s)</b>	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
<b>Other Producer(s)</b>	Africa Health Research Institute (AHRI)
<b>Funding Agency/ies</b>	Welcome Trust (WT) , Funder DSI-MRC South African Population Research Infrastructure Network (SAPRIN) , Funder
<b>Other Acknowledgment(s)</b>	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**

<b>Data Collection Dates</b>	start 2022-05-04 end 2023-05-05
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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, K., Hanekom, W., Seeley, J., Shahmanesh, M., Harling, G., & Siedner, M. (2023). AHRI HDSS:Individual Health Surveillance HIV 2022 [Data set]. Africa Health Research Institute. DOI:<https://doi.org/10.23664/AHRI.RD05-19.HDSS.HIV.2022>

# Files Description

Dataset contains 1 file(s)

<b>RD05-19 ACDIS HIV 2022</b>	
<b># Cases</b>	40368
<b># Variable(s)</b>	75

# Variables List

Dataset contains 75 variable(s)

File RD05-19 ACDIS HIV 2022							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">IntId</a>	Unique Internal Id of Individual	continuous	numeric-12.0	40368	0	-
2	<a href="#">BMFStatu..</a>	BMFStatusObservation Id	continuous	numeric-12.0	9425	30943	-
3	<a href="#">Sex</a>	Sex	discrete	numeric-12.0	40346	22	-
4	<a href="#">DateOfBi..</a>	Date of birth	discrete	character-11	40346	-	-
5	<a href="#">VisitDate</a>	Visit Date	discrete	character-11	40349	-	-
6	<a href="#">VisitType</a>	Visit Type	discrete	numeric-12.0	9427	30941	-
7	<a href="#">VisitTyp..</a>	Visit Type	discrete	character-30	9427	0	-
8	<a href="#">Residenc..</a>	Bounded Structure Id at the time of drawing eligibility list	continuous	numeric-12.0	40368	0	-
9	<a href="#">PIPSA</a>	Population Intervention Programme Study Area	discrete	numeric-12.0	40368	0	-
10	<a href="#">FormRefu..</a>	FormRefused	discrete	numeric-12.0	27466	12902	-
11	<a href="#">FormRefu..</a>	Form Refused By	discrete	numeric-12.0	9425	30943	-
12	<a href="#">FormRefu..</a>	Form Refused By	discrete	character-30	9425	0	-
13	<a href="#">FormRefu..</a>	Form Refused By Other Specify	discrete	character-200	29	-	-
14	<a href="#">Prematur..</a>	Premature Completion Reasons	discrete	numeric-12.0	5501	34867	-
15	<a href="#">Prematur..</a>	Premature Completion Reason Name	discrete	character-50	15614	0	-
16	<a href="#">HIVRefused</a>	HIV Refused	discrete	numeric-12.0	9425	30943	-
17	<a href="#">HIVRefus..</a>	HIV Refused By	discrete	numeric-12.0	9425	30943	-
18	<a href="#">HIVRefus..</a>	Person who refused HIV survey participation	discrete	character-30	9425	0	-
19	<a href="#">HIVRefus..</a>	HIV Refused By Other Specify	discrete	character-10	0	0	-
20	<a href="#">ConsentH..</a>	HIV Test Consent	discrete	numeric-12.0	8337	32031	-
21	<a href="#">ConsentS..</a>	Specimen Stored Consent	discrete	numeric-12.0	8337	32031	-
22	<a href="#">ConsentR..</a>	Recontact in Future Consent	discrete	numeric-12.0	8337	32031	-
23	<a href="#">HIVSampl..</a>	HIV Sample Available	discrete	numeric-12.0	9425	30943	-
24	<a href="#">HIVSampl..</a>	Unique HIV Specimen Identifier	continuous	numeric-12.0	6060	34308	-
25	<a href="#">HIVResult</a>	HIV Result	discrete	numeric-12.0	9425	30943	-
26	<a href="#">HIVField..</a>	HIV FieldWorker	discrete	character-3	9425	0	-
27	<a href="#">WeekBlock</a>	Week Block	discrete	character-6	37276	0	-
28	<a href="#">Isigodi</a>	Isigodi	discrete	numeric-12.0	40368	0	-
29	<a href="#">IsigodiN..</a>	Name of Isigodi	discrete	character-30	40368	0	-
30	<a href="#">LocalArea</a>	LocalArea	discrete	numeric-12.0	40368	0	-

File RD05-19 ACDIS HIV 2022							
#	Name	Label	Type	Format	Valid	Invalid	Question
31	<a href="#">LocalAre ..</a>	Name of Local Area	discrete	character-30	40368	0	-
32	<a href="#">icRapidH ..</a>	Rapid HIV Test Consent	discrete	numeric-12.0	8337	32031	-
33	<a href="#">icConven ..</a>	Conventional HIV Test Consent	discrete	numeric-12.0	8337	32031	-
34	<a href="#">icStored</a>	Storage Consent	discrete	numeric-12.0	8337	32031	-
35	<a href="#">icRecont ..</a>	Recontact Sample Consent	discrete	numeric-12.0	8337	32031	-
36	<a href="#">icHealth</a>	General Health Consent	discrete	numeric-12.0	8337	32031	-
37	<a href="#">icSexual ..</a>	Sexual Behaviour Consent	discrete	numeric-12.0	8337	32031	-
38	<a href="#">icRecont ..</a>	Recontac for QA Consent	discrete	numeric-12.0	8337	32031	-
39	<a href="#">icRecont ..</a>	Recontact Other Info Consent	discrete	numeric-12.0	8337	32031	-
40	<a href="#">icFieldw ..</a>	Fieldworker inform consent	discrete	character-4	8337	0	-
41	<a href="#">UsePhone ..</a>	Do you use your cellphone for email	discrete	numeric-12.0	8337	32031	-
42	<a href="#">UsePhone ..</a>	Do you use your cellphone for social media such as WhatsApp, Facebook, Twitter, I	discrete	numeric-12.0	8337	32031	-
43	<a href="#">UsePhone ..</a>	Do you use your cellphone to search information on internet using search engines	discrete	numeric-12.0	8337	32031	-
44	<a href="#">UsePhone ..</a>	Do you use your cellphone for calls or texting?	discrete	numeric-12.0	8337	32031	-
45	<a href="#">UsePhone ..</a>	Do you use your cell phone for any financial services such as sending money, buyi	discrete	numeric-12.0	8337	32031	-
46	<a href="#">UsePhone ..</a>	Do you use your cellphone for games or entertainment such as YouTube?	discrete	numeric-12.0	8337	32031	-
47	<a href="#">UsePhone ..</a>	Do you use your cellphone for health tracking such as mom-connect and B-Wise, fit	discrete	numeric-12.0	8337	32031	-
48	<a href="#">HIVSpeci ..</a>	Was HIV Specimen Collected?	discrete	numeric-12.0	6085	34283	-
49	<a href="#">RapidTes ..</a>	Was Rapid Test Done?	discrete	numeric-12.0	3253	37115	-
50	<a href="#">RapidTes ..</a>	Was testing performed Individually or as a Couple?	discrete	numeric-12.0	8337	32031	-
51	<a href="#">AQ1Rapid ..</a>	AQ1 Rapid Test Result	discrete	character-3	8337	0	-
52	<a href="#">AQ2Rapid ..</a>	AQ2 Rapid Test Result	discrete	character-3	8337	0	-
53	<a href="#">Abon1Rap ..</a>	Abon1 Rapid Test Result	discrete	character-3	8337	0	-
54	<a href="#">Abon2Rap ..</a>	Abon2 Rapid Test Result	discrete	character-3	8337	0	-
55	<a href="#">ElisaSam ..</a>	Was Elisa Sample Collected?	discrete	character-1	2	0	-
56	<a href="#">ElisaSam ..</a>	Elisa Sample Date	discrete	character-11	2	-	-
57	<a href="#">ElisaHIV ..</a>	Elisa HIV Test Result	discrete	character-1	8337	0	-
58	<a href="#">ElisaSam ..</a>	Was Elisa Sample Collec Rep	discrete	character-1	0	0	-
59	<a href="#">RapidHIV ..</a>	HIV Rapid Test Result	discrete	numeric-12.0	8337	32031	-

<b>File RD05-19 ACDIS HIV 2022</b>							
<b>#</b>	<b>Name</b>	<b>Label</b>	<b>Type</b>	<b>Format</b>	<b>Valid</b>	<b>Invalid</b>	<b>Question</b>
60	<a href="#">PartAlre ..</a>	Participant Already Attending Clinic	discrete	numeric-12.0	76	40292	-
61	<a href="#">ConsentR ..</a>	Consent to record attendance at clini	discrete	character-1	8337	0	-
62	<a href="#">ConsentS ..</a>	Consent to SMS contact (and choose message)	discrete	character-1	8337	0	-
63	<a href="#">ConsentP ..</a>	Consent for a Phone Call	discrete	character-1	8337	0	-
64	<a href="#">AccessRe ..</a>	Consent to access residual specimens (blood and tissue) from Department of Health	discrete	character-1	8337	0	-
65	<a href="#">AccessRe ..</a>	Consent to access residual specimens (blood and tissue) from Department of Health	discrete	character-1	8337	0	-
66	<a href="#">ContactF ..</a>	Consent to be contacted in future on the basis of information obtained after link	discrete	character-1	8337	0	-
67	<a href="#">ContactF ..</a>	Consent for my children (under 18 years) to be contacted in future on the basis o	discrete	character-1	8337	0	-
68	<a href="#">ContactF ..</a>	Consent for my children (under 18 years) to be contacted in future on the basis o	discrete	character-1	8337	0	-
69	<a href="#">Received ..</a>	Have you ever received a test result for HIV?	discrete	numeric-12.0	8337	32031	-
70	<a href="#">HadPosHI ..</a>	Have you ever had a positive HIV test result?	discrete	numeric-12.0	8337	32031	-
71	<a href="#">Currentl ..</a>	Are you currently receiving ART?	discrete	numeric-12.0	8337	32031	-
72	<a href="#">When1stH ..</a>	When was your first positive test result?	discrete	numeric-12.0	8337	32031	-
73	<a href="#">WhenLast ..</a>	When was your last negative test result?	discrete	numeric-12.0	8337	32031	-
74	<a href="#">WhenARTI ..</a>	When did you first start ART?	discrete	numeric-12.0	8337	32031	-
75	<a href="#">PlaceCur ..</a>	Where do you currently receive your ART from?	discrete	numeric-12.0	8337	32031	-

# Variables Description

Dataset contains 75 variable(s)

## File : RD05-19 ACDIS HIV 2022

### # IntId: Unique Internal Id of Individual

**Information** [Type= continuous] [Format=numeric] [Range= 17-269883] [Missing=\*]

**Statistics [NW/ W]** [Valid=40368 /-] [Invalid=0 /-] [Mean=95334.496 /-] [StdDev=64333.529 /-]

### # BMFStatusObservation: BMFStatusObservation Id

**Information** [Type= continuous] [Format=numeric] [Range= 634277-643710] [Missing=\*]

**Statistics [NW/ W]** [Valid=9425 /-] [Invalid=30943 /-] [Mean=638990.846 /-] [StdDev=2722.677 /-]

### # Sex: Sex

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

**Statistics [NW/ W]** [Valid=40346 /-] [Invalid=22 /-]

Value	Label	Cases	Percentage
1	Male	17190	42.6%
2	Female	23156	57.4%
9	Unknown	0	
Systemmiss		22	

*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=40346 /-]

### # VisitDate: Visit Date

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

**Statistics [NW/ W]** [Valid=40349 /-]

### # VisitType: Visit Type

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

**Statistics [NW/ W]** [Valid=9427 /-] [Invalid=30941 /-]

Value	Label	Cases	Percentage
1	Avoided Visit	0	
2	Unsuccessful Visit	0	
3	Regular Visit	7260	77.0%
4	Special Task Visit	0	
5	Problem Solving	0	
6	Quality Control	0	
7	Spot Check	0	
8	Tracking	2167	23.0%
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	

## File : RD05-19 ACDIS HIV 2022

### # VisitType: Visit Type

Value	Label	Cases	Percentage
95	Default	0	
96	Other	0	
97	Not Applicable	0	
99	Missing	0	
Sysmiss		30941	

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.

### # VisitTypeName: Visit Type

<b>Information</b>	[Type= discrete] [Format=character] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=9427 /-] [Invalid=0 /-]

### # ResidencyBSIntId: Bounded Structure Id at the time of drawing eligibility list

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 11-353306] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=40368 /-] [Invalid=0 /-] [Mean=18480.887 /-] [StdDev=43807.099 /-]

### # PIPSA: Population Intervention Programme Study Area

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=40368 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	South	40340	99.9%
2	North	28	0.1%

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

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=27466 /-] [Invalid=12902 /-]

Value	Label	Cases	Percentage
1	Yes	3388	12.3%
2	No	8337	30.4%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	0	
94	Query	0	
95	Default	0	
96	Other	0	
97	Not Applicable	15741	57.3%
98	Don't know	0	
99	Missing	0	
Sysmiss		12902	

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

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=9425 /-] [Invalid=30943 /-]

## File : RD05-19 ACDIS HIV 2022

### # FormRefusedBy: Form Refused By

Value	Label	Cases	Percentage
1	Self	975	10.3%
2	Partner	24	0.3%
3	HH head	40	0.4%
4	BS owner	20	0.2%
5	Other	29	0.3%
97	Not applicable	8337	88.5%
99	Missing	0	
Sysmiss		30943	

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.

### # FormRefusedByName: Form Refused By

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=9425 /-] [Invalid=0 /-]

### # FormRefusedByOtherSpec: Form Refused By Other Specify

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=29 /-]

### # PrematureCompletionReasons: Premature Completion Reasons

Information	[Type= discrete] [Format=numeric] [Range= 1-97] [Missing=*]
Statistics [NW/ W]	[Valid=5501 /-] [Invalid=34867 /-]

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	0	
4	Reported Dead	426	7.7%
5	Household dissolution	0	
6	HH Migrated External	0	
7	Household Migrations	0	
8	HH Migrated Internal	0	
9	OutMigrated	4651	84.5%
10	Mentally Disabled	56	1.0%
11	Migrated unknown destination	0	
12	Non-Contact After Tracking	0	
13	No HSE Informant	0	
14	Refused Bundles	0	
15	Refused HSE	0	
16	Refused Tracking	0	
17	Very Sick	0	
96	Other Reason	368	6.7%
97	Not applicable	0	
Sysmiss		34867	

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.

## File : RD05-19 ACDIS HIV 2022

### # PrematureCompletionReasonsName: Premature Completion Reason Name

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

**Statistics [NW/ W]** [Valid=15614 /-] [Invalid=0 /-]

### # HIVRefused: HIV Refused

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

**Statistics [NW/ W]** [Valid=9425 /-] [Invalid=30943 /-]

Value	Label	Cases	Percentage
1	Yes	2277	24.2%
2	No	6060	64.3%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	0	
94	Query	0	
95	Default	0	
96	Other	0	
97	Not Applicable	1088	11.5%
98	Don't know	0	
99	Missing	0	
Sysmiss		30943	

*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=9425 /-] [Invalid=30943 /-]

Value	Label	Cases	Percentage
1	Self	2277	24.2%
2	Partner	0	
3	HH head	0	
4	BS owner	0	
5	Other	0	
97	Not applicable	7148	75.8%
99	Missing	0	
Sysmiss		30943	

*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.*

### # HIVRefusedByName: Person who refused HIV survey participation

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

**Statistics [NW/ W]** [Valid=9425 /-] [Invalid=0 /-]

### # HIVRefusedByOtherSpec: HIV Refused By Other Specify

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

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

### # ConsentHIVTest: HIV Test Consent

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

**Statistics [NW/ W]** [Valid=8337 /-] [Invalid=32031 /-]

## File : RD05-19 ACDIS HIV 2022

### # ConsentHIVTest: HIV Test Consent

Value	Label	Cases	Percentage
1	Consented	6077	72.9%
2	Did not consent	2257	27.1%
99	Missing	3	0.0%
Sysmiss		32031	

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.

### # ConsentSpecimenStored: Specimen Stored Consent

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=8337 /-] [Invalid=32031 /-]

Value	Label	Cases	Percentage
1	Consented	6651	79.8%
2	Did not consent	1679	20.1%
99	Missing	7	0.1%
Sysmiss		32031	

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.

### # ConsentRecontactInFuture: Recontact in Future Consent

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=8337 /-] [Invalid=32031 /-]

Value	Label	Cases	Percentage
1	Consented	7810	93.7%
2	Did not consent	512	6.1%
99	Missing	15	0.2%
Sysmiss		32031	

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

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=9425 /-] [Invalid=30943 /-]

Value	Label	Cases	Percentage
1	Yes	6060	64.3%
2	No, but there is a BMFStatusObs	3365	35.7%
Sysmiss		30943	

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.

### # HIVSampleID: Unique HIV Specimen Identifier

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1151254-1168551] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=6060 /-] [Invalid=34308 /-] [Mean=1162145.745 /-] [StdDev=5278.781 /-]

### # HIVResult: HIV Result

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-99] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=9425 /-] [Invalid=30943 /-]

Value	Label	Cases	Percentage
0	Negative	4121	43.7%
1	Positive	1928	20.5%

## File : RD05-19 ACDIS HIV 2022

### # HIVResult: HIV Result

Value	Label	Cases	Percentage
2	Indeterminate	11	0.1%
3	Insufficient sample volume	0	
4	Spurious (probably not this person)	0	
5	Spurious negative(HIV reverse seroconversion)	0	
6	Spurious positive(HIV reverse seroconversion)	0	
93	Refused	0	
97	Not applicable	3365	35.7%
99	Missing	0	
Sysmiss		30943	

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.

### # HIVFieldWorker: HIV FieldWorker

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=9425 /-] [Invalid=0 /-]

### # WeekBlock: Week Block

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=37276 /-] [Invalid=0 /-]

### # Isigodi: Isigodi

Information	[Type= discrete] [Format=numeric] [Range= 1-999] [Missing=*]
Statistics [NW/ W]	[Valid=40368 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Banzaneni	0	
2	Deprecated	0	
3	Dukumbane	0	
4	Dukuduku	0	
5	Ebaswazini	2348	5.8%
6	Egula (Hlabisa)	0	
7	Egula (Mdletshe)	0	
8	Ekuphisweni	0	
9	Empembeni	0	
10	Esiyembeni	854	2.1%
11	Gunjaneni	1132	2.8%
12	Hlabisa Mission	0	
13	Hlambanyathi	0	
14	Inhlawathi	0	
15	Khalokazi	0	
16	KwaMsane (Isigodi)	6371	15.8%
17	KwaMsane (Township)	1483	3.7%
18	KwaMseme	0	
19	Kwahoho	712	1.8%
20	Mabudeni	0	
21	Mabhokweni	0	

## File : RD05-19 ACDIS HIV 2022

### # Isigodi: Isigodi

Value	Label	Cases	Percentage
22	Machibini	2319	5.7%
23	Macekeni	0	
24	Macambini	679	1.7%
25	Madondo	0	
26	Mfekayi	1	0.0%
27	Mgangatho	0	
28	Mahunjini	376	0.9%
29	Makhambane	69	0.2%
30	Makopini	0	
31	Mapheleni	1724	4.3%
32	Mshaya	1154	2.9%
33	Mthwadhana	0	
34	Matshamnyama-East	0	
35	Matshamhlophe	0	
36	Matshamnyama-West	0	
37	Mathunzi	0	
38	Mvutshini	153	0.4%
39	Madwaleni	2	0.0%
40	Myeki	2760	6.8%
41	Ncwabakazi	0	
42	Ndlovu Village	1582	3.9%
43	Ngondini	0	
44	Nkundusi	0	
45	Nkolokotho	2630	6.5%
46	Nkombose	4872	12.1%
47	Makhowe	0	
48	Nomathiya	1286	3.2%
49	Nompondo	0	
50	Nqopheni	2024	5.0%
51	Nsolweni	1479	3.7%
52	Mthekwini	0	
53	Ogengele	2838	7.0%
54	Ophondweni	552	1.4%
55	Ophaphasi (Mdletshe)	0	
56	Ophaphasi (Mpukunyoni)	968	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	

## File : RD05-19 ACDIS HIV 2022

### # Isigodi: Isigodi

Value	Label	Cases	Percentage
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.

### # IsigodiName: Name of Isigodi

<b>Information</b>	[Type= discrete] [Format=character] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=40368 /-] [Invalid=0 /-]

### # LocalArea: LocalArea

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-9999] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=40368 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	African	64	0.2%
2	Bhoboza	582	1.4%
3	Bhedangaye	400	1.0%
4	Bhekamandla	0	
5	Bhokoza	1	0.0%
6	Bhekuzulu	108	0.3%
7	Bongumusa	0	
8	Buya	366	0.9%
9	Bonanyoni	0	
10	Chwebeni	0	
11	Cakula	43	0.1%
12	Danyini	0	
13	Dubelenkunzi	1488	3.7%
14	Dibheni	0	
15	Dukingane	76	0.2%
16	Dlokodlweni	184	0.5%
17	Ebhekani	74	0.2%
18	Ebaswazini	1033	2.6%
19	Edutch	499	1.2%
20	Egedeni	1	0.0%
21	Esiphambanweni	0	
22	Embotsheni	284	0.7%
23	Embongolweni	0	
24	Emambeni	51	0.1%
25	Emathuneni	277	0.7%
26	Enyakane	0	
27	Esiphahleni	9	0.0%
28	Esiqiwini	1	0.0%
29	Esiyembeni	21	0.1%
30	Ebhangwe	0	
31	Ekuthokojeni	0	

## File : RD05-19 ACDIS HIV 2022

### # LocalArea: LocalArea

Value	Label	Cases	Percentage
32	Etsheni	314	0.8%
33	Edwalaneni	0	
34	Ezinqaweni	285	0.7%
35	Ezimpehlweni	110	0.3%
36	Fukula	50	0.1%
37	Gagwini	104	0.3%
38	Gwabalanda	172	0.4%
39	Gugulethu	504	1.2%
40	Gotshi	0	
41	Gunjaneni	1309	3.2%
42	Gwebu	65	0.2%
43	Hambanathi	0	
44	Hluhluwe	0	
45	Hlumisa	0	
46	Hlazane	0	
47	Igwedla	44	0.1%
48	Indlovu	174	0.4%
49	Kwamsane Reserve	3633	9.0%
50	Kwamsane Township	3	0.0%
51	Kwasqumbe	0	
52	KwaMsane Township Central (W3)	385	1.0%
53	KwaMsane Township North (W2)	541	1.3%
54	KwaMsane Township South (W4)	551	1.4%
55	Kwahoho	368	0.9%
56	Kwagxaba	0	
57	Kwayoung	277	0.7%
58	Kwiliza	538	1.3%
59	Maqaka	0	
60	Mashaya	194	0.5%
61	Mazala	0	
62	Mabhensa	0	
63	Mbomeni	357	0.9%
64	Machibini	312	0.8%
65	Mchakwini	0	
66	Macambini	347	0.9%
67	Mchachazo	87	0.2%
68	Mdlambila	210	0.5%
69	Mdolomba	970	2.4%
70	Makhwela	0	
71	Msengeni	0	
72	Mfekayi	0	
73	Mfolozi	188	0.5%
74	Magodi	58	0.1%

## File : RD05-19 ACDIS HIV 2022

# LocalArea: LocalArea

Value	Label	Cases	Percentage
75	Mgasela	0	
76	Magqayiza	47	0.1%
77	Mgeza	37	0.1%
78	Mahlabathini	26	0.1%
79	Mahunjini	142	0.4%
80	Majonijoni	124	0.3%
81	Macijaq	0	
82	Makhambane	0	
83	Makhandeni	154	0.4%
84	Mkhondweni	0	
85	Mkhathazi	107	0.3%
86	Mcakwaneni	202	0.5%
87	Mlambo	0	
88	Majamisa	127	0.3%
89	Manandi	318	0.8%
90	Mnyakaja	165	0.4%
91	Mnyaba	150	0.4%
92	Mgodla	0	
93	Mapheleni	418	1.0%
94	Mpukunyoni	790	2.0%
95	Maqanda	0	
96	Mshaya	694	1.7%
97	Mtshongweni	51	0.1%
98	Mtholo	179	0.4%
99	Mtshengwana	2	0.0%
100	Manyunyumbe	0	
101	Mvutshini	0	
102	Mganwini	0	
103	Madwaleni	0	
104	Machwetshana	348	0.9%
105	Myeki	59	0.1%
106	Mayiya	10	0.0%
107	Mvananda	81	0.2%
108	Manzamnandi	0	
109	Mfolozaneni	0	
110	Nyakane N	0	
111	Nyakane S	0	
112	Ncemane	0	
113	Nondubela	214	0.5%
114	Indlovu Village	1406	3.5%
115	Ngqimlana	0	
116	Ngongolo	0	
117	Ngodane	109	0.3%

## File : RD05-19 ACDIS HIV 2022

### # LocalArea: LocalArea

Value	Label	Cases	Percentage
118	Ngutsheni	0	
119	Nhlonyani	0	
120	Ninela	155	0.4%
121	Njiniwayo	0	
122	Njojo	324	0.8%
123	Nkonjane	7	0.0%
124	Nkhobo	773	1.9%
125	Nkundusi	0	
126	Nkangala	179	0.4%
127	Nkolokotho	143	0.4%
128	Nkombose	2555	6.3%
129	Nkodibe	1767	4.4%
130	Nkatha	528	1.3%
131	Nkumbane	257	0.6%
132	Nkwalini	151	0.4%
133	Nkayeni	67	0.2%
134	Nomathiya	413	1.0%
135	Nompondo	0	
136	Ngqumela	0	
137	Nqaweni North	78	0.2%
138	Nqaweni South	73	0.2%
139	Nqumbo	11	0.0%
140	Nsane	1779	4.4%
141	Nkostini	0	
142	Nsolweni	497	1.2%
143	Ntandabantu	367	0.9%
144	Ntiningwe	0	
145	Ntungwana	76	0.2%
146	Ntweni	450	1.1%
147	Nkovuka	0	
148	Nyalazi	78	0.2%
149	Ogengele	460	1.1%
150	Okhalanja	149	0.4%
151	Ophondweni	24	0.1%
152	Oqondweni	0	
153	Payipini	0	
154	Phaphamani	0	
155	Phuzudele	0	
156	Paradise	103	0.3%
157	Qakwini	0	
158	Qubuka	604	1.5%
159	Sibomvu	27	0.1%
160	Sgqogqogqweni	240	0.6%

## File : RD05-19 ACDIS HIV 2022

### # LocalArea: LocalArea

Value	Label	Cases	Percentage
161	Shunqa	0	
162	Shozi	0	
163	Sivivanveni	0	
164	Shikishela	0	
165	Somkhele	1492	3.7%
166	Sunjwaneni	342	0.8%
167	Sobayeka	70	0.2%
168	Sogceke	35	0.1%
169	Sipheko	0	
170	Swalihle	53	0.1%
171	Sanyoka	0	
172	Shayamoya	67	0.2%
173	Tamu	273	0.7%
174	Thandanani	784	1.9%
175	Thenjana	0	
176	Vezunyawo	137	0.3%
177	Zibomvini	73	0.2%
178	Zululiyaduma	64	0.2%
179	Zimambeni	145	0.4%
180	Zinkonjane	774	1.9%
181	Zwelethu	52	0.1%
9993	_refused	0	
9994	_query	0	
9995	_default	0	
9996	_other	0	
9997	_non 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.

### # LocalAreaName: Name of Local Area

<b>Information</b>	[Type= discrete] [Format=character] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=40368 /-] [Invalid=0 /-]

### # icRapidHIVTest: Rapid HIV Test Consent

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=8337 /-] [Invalid=32031 /-]

Value	Label	Cases	Percentage
1	Yes	3234	38.8%
2	No	5090	61.1%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	0	
94	Query	0	

## File : RD05-19 ACDIS HIV 2022

### # icRapidHIVTest: Rapid HIV Test Consent

Value	Label	Cases	Percentage
95	Default	0	
96	Other	0	
97	Not Applicable	0	
98	Don't know	0	
99	Missing	13	0.2%
Sysmiss		32031	

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

### # icConventionalHIVTest: Conventional HIV Test Consent

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=8337 /-] [Invalid=32031 /-]

Value	Label	Cases	Percentage
1	Consented	6077	72.9%
2	Did not consent	2257	27.1%
99	Missing	3	0.0%
Sysmiss		32031	

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.

### # icStored: Storage Consent

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=8337 /-] [Invalid=32031 /-]

Value	Label	Cases	Percentage
1	Consented	6651	79.8%
2	Did not consent	1679	20.1%
99	Missing	7	0.1%
Sysmiss		32031	

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

### # icRecontactSample: Recontact Sample Consent

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=8337 /-] [Invalid=32031 /-]

Value	Label	Cases	Percentage
1	Consented	0	
2	Did not consent	0	
99	Missing	8337	100.0%
Sysmiss		32031	

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

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=8337 /-] [Invalid=32031 /-]

Value	Label	Cases	Percentage
1	Consented	7377	88.5%
2	Did not consent	960	11.5%
99	Missing	0	

## File : RD05-19 ACDIS HIV 2022

### # icHealth: General Health Consent

Value	Label	Cases	Percentage
Sysmiss		32031	

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

### # icSexualBehaviour: Sexual Behaviour Consent

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=8337 /-] [Invalid=32031 /-]

Value	Label	Cases	Percentage
1	Consented	6212	74.5%
2	Did not consent	2125	25.5%
99	Missing	0	
Sysmiss		32031	

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

### # icRecontactQA: Recontact for QA Consent

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=8337 /-] [Invalid=32031 /-]

Value	Label	Cases	Percentage
1	Consented	0	
2	Did not consent	0	
99	Missing	8337	100.0%
Sysmiss		32031	

*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.*

### # icRecontactOtherInfo: Recontact Other Info Consent

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=8337 /-] [Invalid=32031 /-]

Value	Label	Cases	Percentage
1	Consented	7810	93.7%
2	Did not consent	512	6.1%
99	Missing	15	0.2%
Sysmiss		32031	

*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.*

### # icFieldworker: Fieldworker inform consent

<b>Information</b>	[Type= discrete] [Format=character] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=8337 /-] [Invalid=0 /-]

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

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=8337 /-] [Invalid=32031 /-]

Value	Label	Cases	Percentage
1	Yes	0	
2	No	0	
90	SpecialQuery	0	
92	Deprecated	8337	100.0%

## File : RD05-19 ACDIS HIV 2022

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

Value	Label	Cases	Percentage
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		32031	

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.

### # UsePhoneWhatsApp: Do you use your cellphone for social media such as WhatsApp, Facebook, Twitter, I

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=8337 /-] [Invalid=32031 /-]

Value	Label	Cases	Percentage
1	Yes	0	
2	No	0	
90	SpecialQuery	0	
92	Deprecated	8337	100.0%
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		32031	

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.

### # UsePhoneInternet: Do you use your cellphone to search information on internet using search engines

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=8337 /-] [Invalid=32031 /-]

Value	Label	Cases	Percentage
1	Yes	0	
2	No	0	
90	SpecialQuery	0	
92	Deprecated	8337	100.0%
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		32031	

## File : RD05-19 ACDIS HIV 2022

### # UsePhoneInternet: Do you use your cellphone to search information on internet using search engines

*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.*

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

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

**Statistics [NW/ W]** [Valid=8337 /-] [Invalid=32031 /-]

Value	Label	Cases	Percentage
1	Yes	0	
2	No	0	
90	SpecialQuery	0	
92	Deprecated	8337	100.0%
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		32031	

*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.*

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

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

**Statistics [NW/ W]** [Valid=8337 /-] [Invalid=32031 /-]

Value	Label	Cases	Percentage
1	Yes	0	
2	No	0	
90	SpecialQuery	0	
92	Deprecated	8337	100.0%
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		32031	

*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.*

### # UsePhoneEntertain: Do you use your cellphone for games or entertainment such as YouTube?

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

**Statistics [NW/ W]** [Valid=8337 /-] [Invalid=32031 /-]

Value	Label	Cases	Percentage
1	Yes	0	
2	No	0	
90	SpecialQuery	0	

## File : RD05-19 ACDIS HIV 2022

### # UsePhoneEntertain: Do you use your cellphone for games or entertainment such as YouTube?

Value	Label	Cases	Percentage
92	Deprecated	8337	100.0%
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		32031	

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.

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

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=8337 /-] [Invalid=32031 /-]

Value	Label	Cases	Percentage
1	Yes	0	
2	No	0	
90	SpecialQuery	0	
92	Deprecated	8337	100.0%
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		32031	

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.

### # HIVSpecimenCollec: Was HIV Specimen Collected?

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=6085 /-] [Invalid=34283 /-]

Value	Label	Cases	Percentage
1	Yes	6065	99.7%
2	No	20	0.3%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	0	
94	Query	0	
95	Default	0	
96	Other	0	
97	Not Applicable	0	
98	Don't know	0	
99	Missing	0	

## File : RD05-19 ACDIS HIV 2022

### # HIVSpecimenCollec: Was HIV Specimen Collected?

Value	Label	Cases	Percentage
Sysmiss		34283	

*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.*

### # RapidTestDone: Was Rapid Test Done?

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=3253 /-] [Invalid=37115 /-]

Value	Label	Cases	Percentage
1	Yes	3197	98.3%
2	No	56	1.7%
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		37115	

*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.*

### # RapidTestIndivCoup: Was testing performed Individually or as a Couple?

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=8337 /-] [Invalid=32031 /-]

Value	Label	Cases	Percentage
1	Individual Rapid HIV Testing	3178	38.1%
2	Couple Rapid HIV Testing	18	0.2%
99	Missing	5141	61.7%
Sysmiss		32031	

*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.*

<b># AQ1RapidTestResult: AQ1 Rapid Test Result</b>			
<b>Information</b>	[Type= discrete] [Format=character] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=8337 /-] [Invalid=0 /-]		
<b># AQ2RapidTestResult: AQ2 Rapid Test Result</b>			
<b>Information</b>	[Type= discrete] [Format=character] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=8337 /-] [Invalid=0 /-]		
<b># Abon1RapidTestResult: Abon1 Rapid Test Result</b>			
<b>Information</b>	[Type= discrete] [Format=character] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=8337 /-] [Invalid=0 /-]		
<b># Abon2RapidTestResult: Abon2 Rapid Test Result</b>			
<b>Information</b>	[Type= discrete] [Format=character] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=8337 /-] [Invalid=0 /-]		
<b># ElisaSampleCollec: Was Elisa Sample Collected?</b>			
<b>Information</b>	[Type= discrete] [Format=character] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=2 /-] [Invalid=0 /-]		
<b># ElisaSampleDate: Elisa Sample Date</b>			
<b>Information</b>	[Type= discrete] [Format=character] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=2 /-]		
<b># ElisaHIVTestResult: Elisa HIV Test Result</b>			
<b>Information</b>	[Type= discrete] [Format=character] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=8337 /-] [Invalid=0 /-]		
<b># ElisaSampleCollecRep: Was Elisa Sample Collec Rep</b>			
<b>Information</b>	[Type= discrete] [Format=character] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=0 /-] [Invalid=0 /-]		
<b># RapidHIVResult: HIV Rapid Test Result</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-99] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=8337 /-] [Invalid=32031 /-]		
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
0	Negative	3020	36.2%
1	Positive	70	0.8%
2	Indeterminate	0	
3	Insufficient sample volume	2	0.0%
4	Spurious (probably not this person)	0	
5	Spurious negative(HIV reverse seroconversion)	0	
6	Spurious positive(HIV reverse seroconversion)	0	
93	Refused	0	
97	Not applicable	5086	61.0%
99	Missing	159	1.9%
Sysmiss		32031	
<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>			
<b># PartAlreadyAttClinic: Participant Already Attending Clinic</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]		

<b># PartAlreadyAttClinic: Participant Already Attending Clinic</b>			
<b>Statistics [NW/ W]</b>		[Valid=76 /-] [Invalid=40292 /-]	
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
1	Yes	11	14.5%
2	No	63	82.9%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	2	2.6%
94	Query	0	
95	Default	0	
96	Other	0	
97	Not Applicable	0	
98	Don't know	0	
99	Missing	0	
Sysmiss		40292	
<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>			
<b># ConsentRecordAttendanceClinic: Consent to record attendance at clini</b>			
<b>Information</b>		[Type= discrete] [Format=character] [Missing=*]	
<b>Statistics [NW/ W]</b>		[Valid=8337 /-] [Invalid=0 /-]	
<b># ConsentSMSContact: Consent to SMS contact (and choose message)</b>			
<b>Information</b>		[Type= discrete] [Format=character] [Missing=*]	
<b>Statistics [NW/ W]</b>		[Valid=8337 /-] [Invalid=0 /-]	
<b># ConsentPhoneCall: Consent for a Phone Call</b>			
<b>Information</b>		[Type= discrete] [Format=character] [Missing=*]	
<b>Statistics [NW/ W]</b>		[Valid=8337 /-] [Invalid=0 /-]	
<b># AccessResidualSpecimensDOH: Consent to access residual specimens (blood and tissue) from Department of Health</b>			
<b>Information</b>		[Type= discrete] [Format=character] [Missing=*]	
<b>Statistics [NW/ W]</b>		[Valid=8337 /-] [Invalid=0 /-]	
<b># AccessResidualSpecimDOHUnder18: Consent to access residual specimens (blood and tissue) from Department of Health</b>			
<b>Information</b>		[Type= discrete] [Format=character] [Missing=*]	
<b>Statistics [NW/ W]</b>		[Valid=8337 /-] [Invalid=0 /-]	
<b># ContactFutureInfoAfterlinkage: Consent to be contacted in future on the basis of information obtained after link</b>			
<b>Information</b>		[Type= discrete] [Format=character] [Missing=*]	
<b>Statistics [NW/ W]</b>		[Valid=8337 /-] [Invalid=0 /-]	
<b># ContactFutureInfoAfterlinkUndr18: Consent for my children (under 18 years) to be contacted in future on the basis</b>			
<b>Information</b>		[Type= discrete] [Format=character] [Missing=*]	
<b>Statistics [NW/ W]</b>		[Valid=8337 /-] [Invalid=0 /-]	
<b># ContactFutureInfoDirProvUnder18: Consent for my children (under 18 years) to be contacted in future on the basis</b>			
<b>Information</b>		[Type= discrete] [Format=character] [Missing=*]	
<b>Statistics [NW/ W]</b>		[Valid=8337 /-] [Invalid=0 /-]	

<b># ReceivedHIVTestResult: Have you ever received a test result for HIV?</b>			
<b>Information</b>		[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]	
<b>Statistics [NW/ W]</b>		[Valid=8337 /-] [Invalid=32031 /-]	
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
1	Yes	6313	75.7%
2	No	1033	12.4%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	30	0.4%
94	Query	0	
95	Default	0	
96	Other	0	
97	Not Applicable	0	
98	Don't know	0	
99	Missing	961	11.5%
Sysmiss		32031	
<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>			
<b># HadPosHIVResult: Have you ever had a positive HIV test result?</b>			
<b>Information</b>		[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]	
<b>Statistics [NW/ W]</b>		[Valid=8337 /-] [Invalid=32031 /-]	
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
1	Yes	1951	23.4%
2	No	5337	64.0%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	90	1.1%
94	Query	0	
95	Default	0	
96	Other	0	
97	Not Applicable	0	
98	Don't know	0	
99	Missing	959	11.5%
Sysmiss		32031	
<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>			
<b># CurrentlyOnART: Are you currently receiving ART?</b>			
<b>Information</b>		[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]	
<b>Statistics [NW/ W]</b>		[Valid=8337 /-] [Invalid=32031 /-]	
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
1	Yes	1853	22.2%
2	No	98	1.2%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	2	0.0%
94	Query	0	
95	Default	0	

<b># CurrentlyOnART: Are you currently receiving ART?</b>			
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
96	Other	0	
97	Not Applicable	0	
98	Don't know	0	
99	Missing	6384	76.6%
Sysmiss		32031	
<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>			
<b># When1stHIVPosResult: When was your first positive test result?</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=8337 /-] [Invalid=32031 /-]		
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
1	More than one year ago	89	1.1%
2	Less than on year ago	1866	22.4%
3	Never got the results	0	
92	Deprecated	0	
93	Refused	8	0.1%
99	Missing	6374	76.5%
Sysmiss		32031	
<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>			
<b># WhenLastHIVNegResult: When was your last negative test result?</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=8337 /-] [Invalid=32031 /-]		
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
1	More than one year ago	1845	22.1%
2	Less than on year ago	4184	50.2%
3	Never got the results	1347	16.2%
92	Deprecated	0	
93	Refused	0	
99	Missing	961	11.5%
Sysmiss		32031	
<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>			
<b># WhenARTInitiated: When did you first start ART?</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=8337 /-] [Invalid=32031 /-]		
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
1	More than one year ago	45	0.5%
2	Less than on year ago	1817	21.8%
3	Never got the results	0	
92	Deprecated	0	
93	Refused	0	
99	Missing	6475	77.7%
Sysmiss		32031	
<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>			

**# PlaceCurrentlyReceiveART: Where do you currently receive your ART from?**

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=8337 /-] [Invalid=32031 /-]

Value	Label	Cases	Percentage
1	Clinic	0	
2	Mobile clinic	0	
3	NGO	0	
4	Out side PIPSA	0	
5	Pick up Point	0	
6	Private doctor	0	
92	_deprecated	0	
93	Refuse	0	
99	_missing	8337	100.0%
Sysmiss		32031	

*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.*