

South Africa

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AHRI HDSS.RD05-17 ACDIS HIV 2020

Study Documentation

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Metadata Production

Metadata Producer(s)	Africa Health Research Institute (AHRI)
Identification	DDI.RD05-17.ACDIS.HIV.2020

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AHRI HDSS.RD05-17 ACDIS HIV 2020

Overview

Identification	RD05-17.ACDIS.HIV.2020
Version	v2.0.0

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 438km² in size in uMkhanyakude district, KwaZulu-Natal province, South Africa. In 2017, this area was expanded to 845km² 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.

Kind of Data	Surveillance data
Unit of Analysis	AHRI HDSS Individual surveillance eligible individuals

Scope & Coverage

Keywords	South Africa, Surveillance, Epidemiology, HIV, Population Cohort
Topics	HIV, Population, Surveillance, HIV Incidence, HIV prevalence, Epidemiology, Africa, Demography, information systems, South Africa, KwaZulu-Natal, Medical, Population Intervention
Time Period(s)	2020-2021
Countries	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

Primary Investigator(s)	Dr Abraham Jacobus Herbst, Africa Health Research Institute Prof. Willem Hanekom, Africa Health Research Institute Prof. Janet Seeley, Africa Health Research Institute Prof. Maryam Shahmanesh, Africa Health Research Institute Dr. Guy Harling, Africa Health Research Institute Dr. Mark Siedner, Africa Health Research Institute
Other Producer(s)	Africa Health Research Institute (AHRI)
Funding Agency/ies	Welcome Trust (WT) , Funder DSI-MRC South African Population Research Infrastructure Network (SAPRIN) , Funder
Other Acknowledgment(s)	Thobeka Mngomezulu , Data collection , AHRI Phumzile Dlamini , Data collection , AHRI Lindiwe Sithole , Data collection , AHRI Bonginkosi Ntimane , Data quality , AHRI Njabulo Myeni , Data quality , AHRI Eugene Ehlers , Software Development , AHRI Eugene Prenzler , Data Analytics , AHRI Brendan Gilbert , IT infrastructure , AHRI Sweetness Dube , Data documentation , AHRI Siyabonga Nxumalo , Research Data management , AHRI Dickman Gareta , Research Data management , AHRI Kathy Baisley , Statistics , AHRI

Sampling

Sampling Procedure

All individuals meeting the eligibility criteria described in the abstract

Data Collection

Data Collection Dates	start 2020-01-23 end 2021-07-02
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Data Processing & Appraisal

Data Editing

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

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

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

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

Accessibility

Access Conditions

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

Citation Requirements

Herbst, A. J., Hanekom, W., Seeley, J., Shahmanesh, M., Harling, G., & Siedner, M. (2025). AHRI HDSS.RD05-17 ACDIS HIV 2020 [Data set]. Africa Health Research Institute. DOI:<https://doi.org/10.23664/RD05-17.ACDIS.HIV.2020>

Files Description

Dataset contains 1 file(s)

RD05-17 ACDIS HIV 2020	
# Cases	7330
# Variable(s)	75

Variables List

Dataset contains 75 variable(s)

File RD05-17 ACDIS HIV 2020							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	IntId	Unique Internal Id of Individual	continuous	numeric-12.0	7330	0	-
2	BMFStatu ..	BMFStatusObservation Id	continuous	numeric-12.0	5122	2208	-
3	Sex	Sex	discrete	numeric-12.0	7312	18	-
4	DateOfBi ..	Date of birth	discrete	character-11	7312	-	-
5	VisitDate	Visit Date	discrete	character-11	7284	-	-
6	VisitType	Visit Type	discrete	numeric-12.0	5131	2199	-
7	VisitTyp ..	Visit Type	discrete	character-30	5131	0	-
8	Residenc ..	Bounded Structure Id at the time of drawing eligibility list	continuous	numeric-12.0	7330	0	-
9	PIPSA	Population Intervention Programme Study Area	discrete	numeric-12.0	7330	0	-
10	FormRefu ..	FormRefused	discrete	numeric-12.0	7232	98	-
11	FormRefu ..	Form Refused By	discrete	numeric-12.0	5122	2208	-
12	FormRefu ..	Form Refused By	discrete	character-30	5122	0	-
13	FormRefu ..	Form Refused By Other Specify	discrete	character-200	8	-	-
14	Prematur ..	Premature Completion Reasons	discrete	numeric-12.0	2103	5227	-
15	Prematur ..	Premature Completion Reason Name	discrete	character-50	2103	0	-
16	HIVRefused	HIV Refused	discrete	numeric-12.0	5122	2208	-
17	HIVRefus ..	HIV Refused By	discrete	numeric-12.0	5122	2208	-
18	HIVRefus ..	Person who refused HIV survey participation	discrete	character-30	5122	0	-
19	HIVRefus ..	HIV Refused By Other Specify	discrete	character-10	0	0	-
20	ConsentH ..	HIV Test Consent	discrete	numeric-12.0	4768	2562	-
21	ConsentS ..	Specimen Stored Consent	discrete	numeric-12.0	4768	2562	-
22	ConsentR ..	Recontact in Future Consent	discrete	numeric-12.0	4768	2562	-
23	HIVSampl ..	HIV Sample Available	discrete	numeric-12.0	5122	2208	-
24	HIVSampl ..	Unique HIV Specimen Identifier	continuous	numeric-12.0	3339	3991	-
25	HIVResult	HIV Result	discrete	numeric-12.0	5122	2208	-
26	HIVField ..	HIV FieldWorker	discrete	character-3	5122	0	-
27	WeekBlock	Week Block	discrete	character-6	6918	0	-
28	Isigodi	Isigodi	discrete	numeric-12.0	7330	0	-
29	IsigodiN ..	Name of Isigodi	discrete	character-30	7330	0	-
30	LocalArea	LocalArea	discrete	numeric-12.0	7330	0	-

File RD05-17 ACDIS HIV 2020							
#	Name	Label	Type	Format	Valid	Invalid	Question
31	LocalAre ..	Name of Local Area	discrete	character-30	7330	0	-
32	icRapidH ..	Rapid HIV Test Consent	discrete	numeric-12.0	4768	2562	-
33	icConven ..	Conventional HIV Test Consent	discrete	numeric-12.0	4768	2562	-
34	icStored	Storage Consent	discrete	numeric-12.0	4768	2562	-
35	icRecont ..	Recontact Sample Consent	discrete	numeric-12.0	4768	2562	-
36	icHealth	General Health Consent	discrete	numeric-12.0	4768	2562	-
37	icSexual ..	Sexual Behaviour Consent	discrete	numeric-12.0	4768	2562	-
38	icRecont ..	Recontac for QA Consent	discrete	numeric-12.0	4768	2562	-
39	icRecont ..	Recontact Other Info Consent	discrete	numeric-12.0	4768	2562	-
40	icFieldw ..	Fieldworker inform consent	discrete	character-4	4768	0	-
41	UsePhone ..	Do you use your cellphone for email	discrete	numeric-12.0	4768	2562	-
42	UsePhone ..	Do you use your cellphone for social media such as WhatsApp, Facebook, Twitter, I	discrete	numeric-12.0	4768	2562	-
43	UsePhone ..	Do you use your cellphone to search information on internet using search engines	discrete	numeric-12.0	4768	2562	-
44	UsePhone ..	Do you use your cellphone for calls or texting?	discrete	numeric-12.0	4768	2562	-
45	UsePhone ..	Do you use your cell phone for any financial services such as sending money, buyi	discrete	numeric-12.0	4768	2562	-
46	UsePhone ..	Do you use your cellphone for games or entertainment such as YouTube?	discrete	numeric-12.0	4768	2562	-
47	UsePhone ..	Do you use your cellphone for health tracking such as mom-connect and B-Wise, fit	discrete	numeric-12.0	4768	2562	-
48	HIVSpeci ..	Was HIV Specimen Collected?	discrete	numeric-12.0	3345	3985	-
49	RapidTes ..	Was Rapid Test Done?	discrete	numeric-12.0	1616	5714	-
50	RapidTes ..	Was testing performed Individually or as a Couple?	discrete	numeric-12.0	4768	2562	-
51	AQ1Rapid ..	AQ1 Rapid Test Result	discrete	character-3	4768	0	-
52	AQ2Rapid ..	AQ2 Rapid Test Result	discrete	character-3	4768	0	-
53	Abon1Rap ..	Abon1 Rapid Test Result	discrete	character-3	4768	0	-
54	Abon2Rap ..	Abon2 Rapid Test Result	discrete	character-3	4768	0	-
55	ElisaSam ..	Was Elisa Sample Collected?	discrete	character-1	1	0	-
56	ElisaSam ..	Elisa Sample Date	discrete	character-11	1	-	-
57	ElisaHIV ..	Elisa HIV Test Result	discrete	character-1	4768	0	-
58	ElisaSam ..	Was Elisa Sample Collec Rep	discrete	character-1	0	0	-
59	RapidHIV ..	HIV Rapid Test Result	discrete	numeric-12.0	4768	2562	-

File RD05-17 ACDIS HIV 2020							
#	Name	Label	Type	Format	Valid	Invalid	Question
60	PartAlre..	Participant Already Attending Clinic	discrete	numeric-12.0	67	7263	-
61	ConsentR..	Consent to record attendance at clini	discrete	character-1	4768	0	-
62	ConsentS..	Consent to SMS contact (and choose message)	discrete	character-1	4768	0	-
63	ConsentP..	Consent for a Phone Call	discrete	character-1	4768	0	-
64	AccessRe..	Consent to access residual specimens (blood and tissue) from Department of Health	discrete	character-1	4768	0	-
65	AccessRe..	Consent to access residual specimens (blood and tissue) from Department of Health	discrete	character-1	4768	0	-
66	ContactF..	Consent to be contacted in future on the basis of information obtained after link	discrete	character-1	4768	0	-
67	ContactF..	Consent for my children (under 18 years) to be contacted in future on the basis o	discrete	character-1	4768	0	-
68	ContactF..	Consent for my children (under 18 years) to be contacted in future on the basis o	discrete	character-1	4768	0	-
69	Received..	Have you ever received a test result for HIV?	discrete	numeric-12.0	4768	2562	-
70	HadPosHI..	Have you ever had a positive HIV test result?	discrete	numeric-12.0	4768	2562	-
71	Currentl..	Are you currently receiving ART?	discrete	numeric-12.0	4768	2562	-
72	When1stH..	When was your first positive test result?	discrete	numeric-12.0	4768	2562	-
73	WhenLast..	When was your last negative test result?	discrete	numeric-12.0	4768	2562	-
74	WhenARTI..	When did you first start ART?	discrete	numeric-12.0	4768	2562	-
75	PlaceCur..	Where do you currently receive your ART from?	discrete	numeric-12.0	4768	2562	-

Variables Description

Dataset contains 75 variable(s)

File : RD05-17 ACDIS HIV 2020

IntId: Unique Internal Id of Individual

Information [Type= continuous] [Format=numeric] [Range= 72-247499] [Missing=*]

Statistics [NW/ W] [Valid=7330 /-] [Invalid=0 /-] [Mean=96985.536 /-] [StdDev=63067.437 /-]

BMFStatusObservation: BMFStatusObservation Id

Information [Type= continuous] [Format=numeric] [Range= 606443-611622] [Missing=*]

Statistics [NW/ W] [Valid=5122 /-] [Invalid=2208 /-] [Mean=609032.064 /-] [StdDev=1495.245 /-]

Sex: Sex

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

Statistics [NW/ W] [Valid=7312 /-] [Invalid=18 /-]

Value	Label	Cases	Percentage
1	Male	3054	41.8%
2	Female	4258	58.2%
9	Unknown	0	
Sysmiss		18	

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=7312 /-]

VisitDate: Visit Date

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

Statistics [NW/ W] [Valid=7284 /-]

VisitType: Visit Type

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

Statistics [NW/ W] [Valid=5131 /-] [Invalid=2199 /-]

Value	Label	Cases	Percentage
1	Avoided Visit	0	
2	Unsuccessful Visit	0	
3	Regular Visit	3308	64.5%
4	Special Task Visit	0	
5	Problem Solving	0	
6	Quality Control	0	
7	Spot Check	0	
8	Tracking	1823	35.5%
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 : RD05-17 ACDIS HIV 2020

VisitType: Visit Type

Value	Label	Cases	Percentage
95	Default	0	
96	Other	0	
97	Not Applicable	0	
99	Missing	0	
Sysmiss		2199	

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

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=5131 /-] [Invalid=0 /-]

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

Information	[Type= continuous] [Format=numeric] [Range= 28-92399] [Missing=*]
Statistics [NW/ W]	[Valid=7330 /-] [Invalid=0 /-] [Mean=13473.378 /-] [StdDev=19705.824 /-]

PIPSA: Population Intervention Programme Study Area

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=7330 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	South	7330	100.0%
2	North	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.

FormRefused: FormRefused

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=7232 /-] [Invalid=98 /-]

Value	Label	Cases	Percentage
1	Yes	360	5.0%
2	No	4768	65.9%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	0	
94	Query	0	
95	Default	0	
96	Other	0	
97	Not Applicable	2104	29.1%
98	Don't know	0	
99	Missing	0	
Sysmiss		98	

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

FormRefusedBy: Form Refused By

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=5122 /-] [Invalid=2208 /-]

File : RD05-17 ACDIS HIV 2020

FormRefusedBy: Form Refused By

Value	Label	Cases	Percentage
1	Self	302	5.9%
2	Partner	15	0.3%
3	HH head	16	0.3%
4	BS owner	13	0.3%
5	Other	8	0.2%
97	Not applicable	4768	93.1%
99	Missing	0	
Sysmiss		2208	

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=5122 /-] [Invalid=0 /-]

FormRefusedByOtherSpec: Form Refused By Other Specify

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=8 /-]

PrematureCompletionReasons: Premature Completion Reasons

Information	[Type= discrete] [Format=numeric] [Range= 1-97] [Missing=*]
Statistics [NW/ W]	[Valid=2103 /-] [Invalid=5227 /-]

Value	Label	Cases	Percentage
1	Stay in currently Avoided BS/HH	5	0.2%
2	Temporarily away for more than 2 months	164	7.8%
3	Non-Functional BS	0	
4	Reported Dead	83	3.9%
5	Household dissolution	0	
6	HH Migrated External	0	
7	Household Migrations	0	
8	HH Migrated Internal	0	
9	OutMigrated	753	35.8%
10	Mentally Disabled	13	0.6%
11	Migrated unknown destination	137	6.5%
12	Non-Contact After Tracking	57	2.7%
13	No HSE Informant	0	
14	Refused Bundles	0	
15	Refused HSE	0	
16	Refused Tracking	0	
17	Very Sick	0	
96	Other Reason	891	42.4%
97	Not applicable	0	
Sysmiss		5227	

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 : RD05-17 ACDIS HIV 2020

PrematureCompletionReasonsName: Premature Completion Reason Name

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

Statistics [NW/ W] [Valid=2103 /-] [Invalid=0 /-]

HIVRefused: HIV Refused

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

Statistics [NW/ W] [Valid=5122 /-] [Invalid=2208 /-]

Value	Label	Cases	Percentage
1	Yes	1429	27.9%
2	No	3339	65.2%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	0	
94	Query	0	
95	Default	0	
96	Other	0	
97	Not Applicable	354	6.9%
98	Don't know	0	
99	Missing	0	
Sysmiss		2208	

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=5122 /-] [Invalid=2208 /-]

Value	Label	Cases	Percentage
1	Self	1430	27.9%
2	Partner	0	
3	HH head	0	
4	BS owner	0	
5	Other	0	
97	Not applicable	3692	72.1%
99	Missing	0	
Sysmiss		2208	

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=5122 /-] [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=4768 /-] [Invalid=2562 /-]

File : RD05-17 ACDIS HIV 2020

ConsentHIVTest: HIV Test Consent

Value	Label	Cases	Percentage
1	Consented	3341	70.1%
2	Did not consent	1427	29.9%
99	Missing	0	
Sysmiss		2562	

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

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=4768 /-] [Invalid=2562 /-]

Value	Label	Cases	Percentage
1	Consented	3712	77.9%
2	Did not consent	1056	22.1%
99	Missing	0	
Sysmiss		2562	

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

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=4768 /-] [Invalid=2562 /-]

Value	Label	Cases	Percentage
1	Consented	4382	91.9%
2	Did not consent	386	8.1%
99	Missing	0	
Sysmiss		2562	

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

HIVSampleAvailable: HIV Sample Available

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=5122 /-] [Invalid=2208 /-]

Value	Label	Cases	Percentage
1	Yes	3339	65.2%
2	No,but there is a BMFStatusObs	1783	34.8%
Sysmiss		2208	

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

Information	[Type= continuous] [Format=numeric] [Range= 1130501-1150215] [Missing=*]
Statistics [NW/ W]	[Valid=3339 /-] [Invalid=3991 /-] [Mean=1139633.72 /-] [StdDev=6327.64 /-]

HIVResult: HIV Result

Information	[Type= discrete] [Format=numeric] [Range= 0-99] [Missing=*]
Statistics [NW/ W]	[Valid=5122 /-] [Invalid=2208 /-]

Value	Label	Cases	Percentage
0	Negative	2107	41.1%
1	Positive	1222	23.9%

File : RD05-17 ACDIS HIV 2020

HIVResult: HIV Result

Value	Label	Cases	Percentage
2	Indeterminate	10	0.2%
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	1783	34.8%
99	Missing	0	
Sysmiss		2208	

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=*]
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Statistics [NW/ W]	[Valid=5122 /-] [Invalid=0 /-]
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WeekBlock: Week Block

Information	[Type= discrete] [Format=character] [Missing=*]
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Statistics [NW/ W]	[Valid=6918 /-] [Invalid=0 /-]
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Isigodi: Isigodi

Information	[Type= discrete] [Format=numeric] [Range= 1-999] [Missing=*]
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Statistics [NW/ W]	[Valid=7330 /-] [Invalid=0 /-]
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Value	Label	Cases	Percentage
1	Banzaneni	0	
2	Deprecated	0	
3	Dukumbane	0	
4	Dukuduku	0	
5	Ebaswazini	0	
6	Egula (Hlabisa)	0	
7	Egula (Mdletshe)	0	
8	Ekuphisweni	0	
9	Empembeni	0	
10	Esiyembeni	0	
11	Gunjaneni	0	
12	Hlabisa Mission	0	
13	Hlambanyathi	0	
14	Inhlawathi	0	
15	Khalokazi	0	
16	KwaMsane (Isigodi)	2631	35.9%
17	KwaMsane (Township)	1	0.0%
18	KwaMseme	0	
19	Kwahoho	0	
20	Mabudeni	0	
21	Mabhokweni	0	

File : RD05-17 ACDIS HIV 2020

Isigodi: Isigodi

Value	Label	Cases	Percentage
22	Machibini	0	
23	Macekeni	0	
24	Macambini	0	
25	Madondo	0	
26	Mfekayi	0	
27	Mgangatho	0	
28	Mahunjini	0	
29	Makhambane	0	
30	Makopini	0	
31	Mapheleni	0	
32	Mshaya	1	0.0%
33	Mthwadhana	0	
34	Matshamnyama-East	0	
35	Matshamhlophe	0	
36	Matshamnyama-West	0	
37	Mathunzi	0	
38	Mvutshini	0	
39	Madwaleni	0	
40	Myeki	0	
41	Ncwabakazi	0	
42	Ndlovu Village	480	6.5%
43	Ngondini	0	
44	Nkundusi	0	
45	Nkolokotho	0	
46	Nkombose	1960	26.7%
47	Makhowe	0	
48	Nomathiya	8	0.1%
49	Nompondo	0	
50	Nqopheni	1270	17.3%
51	Nsolweni	0	
52	Mthekwini	0	
53	Ogengele	979	13.4%
54	Ophondweni	0	
55	Ophaphasi (Mdletshe)	0	
56	Ophaphasi (Mpukunyoni)	0	
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 : RD05-17 ACDIS HIV 2020

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

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=7330 /-] [Invalid=0 /-]

LocalArea: LocalArea

Information	[Type= discrete] [Format=numeric] [Range= 1-9999] [Missing=*]
Statistics [NW/ W]	[Valid=7330 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	African	0	
2	Bhoboza	485	6.6%
3	Bhedangaye	0	
4	Bhekamandla	0	
5	Bhokoza	1	0.0%
6	Bhekuzulu	0	
7	Bongumusa	0	
8	Buya	0	
9	Bonanyoni	0	
10	Chwebeni	0	
11	Cakula	0	
12	Danyini	0	
13	Dubelenkunzi	0	
14	Dibheni	0	
15	Dukingane	0	
16	Dlokodlweni	0	
17	Ebhekani	0	
18	Ebaswazini	0	
19	Edutch	0	
20	Egedeni	0	
21	Esiphambanweni	0	
22	Embotsheni	6	0.1%
23	Embongolweni	0	
24	Emambeni	0	
25	Emathuneni	3	0.0%
26	Enyakane	0	
27	Esiphahleni	0	
28	Esiqiwini	0	
29	Esiyembeni	0	
30	Ebethangwe	0	
31	Ekuthokojeni	0	

File : RD05-17 ACDIS HIV 2020

LocalArea: LocalArea

Value	Label	Cases	Percentage
32	Etsheni	0	
33	Edwalaneni	0	
34	Ezinqaweni	0	
35	Ezimpehlweni	0	
36	Fukula	0	
37	Gagwini	0	
38	Gwabalanda	0	
39	Gugulethu	2	0.0%
40	Gotshi	0	
41	Gunjaneni	0	
42	Gwebu	0	
43	Hambanathi	0	
44	Hluhluwe	0	
45	Hlumisa	0	
46	Hlazane	0	
47	Igwedla	0	
48	Indlovu	36	0.5%
49	Kwamsane Reserve	1505	20.5%
50	Kwamsane Township	0	
51	Kwasqumbe	0	
52	KwaMsane Township Central (W3)	0	
53	KwaMsane Township North (W2)	0	
54	KwaMsane Township South (W4)	1	0.0%
55	Kwahoho	0	
56	Kwagxaba	0	
57	Kwayoung	281	3.8%
58	Kwiliza	242	3.3%
59	Maqaka	0	
60	Mashaya	0	
61	Mazala	0	
62	Mabhensa	0	
63	Mbomeni	295	4.0%
64	Machibini	0	
65	Mchakwini	0	
66	Macambini	0	
67	Mchachazo	0	
68	Mdlambila	0	
69	Mdolomba	731	10.0%
70	Makhwela	0	
71	Msengeni	0	
72	Mfekayi	0	
73	Mfolozi	0	
74	Magodi	0	

File : RD05-17 ACDIS HIV 2020

LocalArea: LocalArea

Value	Label	Cases	Percentage
75	Mgasela	0	
76	Magqayiza	0	
77	Mgeza	0	
78	Mahlabathini	0	
79	Mahunjini	0	
80	Majonijoni	0	
81	Macijaq	0	
82	Makhambane	0	
83	Makhandeni	0	
84	Mkhondweni	0	
85	Mkhathazi	0	
86	Mcakwaneni	0	
87	Mlambo	0	
88	Majamisa	125	1.7%
89	Manandi	0	
90	Mnyakaja	6	0.1%
91	Mnyaba	0	
92	Mgodla	0	
93	Mapheleni	0	
94	Mpukunyoni	663	9.0%
95	Maqanda	0	
96	Mshaya	0	
97	Mtshongweni	0	
98	Mtholo	0	
99	Mtshengwana	0	
100	Manyunyumbe	0	
101	Mvutshini	0	
102	Mganwini	0	
103	Madwaleni	0	
104	Machwetshana	0	
105	Myeki	0	
106	Mayiya	0	
107	Mvananda	56	0.8%
108	Manzamnandi	0	
109	Mfolozaneni	0	
110	Nyakane N	0	
111	Nyakane S	0	
112	Ncemane	0	
113	Nondubela	0	
114	Indlovu Village	444	6.1%
115	Ngqimlana	0	
116	Ngongolo	0	
117	Ngodane	0	

File : RD05-17 ACDIS HIV 2020

LocalArea: LocalArea

Value	Label	Cases	Percentage
118	Ngutsheni	0	
119	Nhlonyani	0	
120	Ninela	0	
121	Njiniwayo	0	
122	Njojo	0	
123	Nkonjane	0	
124	Nkhobo	409	5.6%
125	Nkundusi	0	
126	Nkangala	0	
127	Nkolokotho	0	
128	Nkombose	512	7.0%
129	Nkodibe	1312	17.9%
130	Nkatha	0	
131	Nkumbane	0	
132	Nkwalini	0	
133	Nkayeni	0	
134	Nomathiya	0	
135	Nompondo	0	
136	Ngqumela	0	
137	Nqaweni North	0	
138	Nqaweni South	0	
139	Nqumbo	0	
140	Nsane	12	0.2%
141	Nkostini	0	
142	Nsolweni	0	
143	Ntandabantu	0	
144	Ntiningwe	0	
145	Ntungwana	0	
146	Ntweni	0	
147	Nkovuka	0	
148	Nyalazi	0	
149	Ogengele	200	2.7%
150	Okhalanja	0	
151	Ophondweni	0	
152	Oqondweni	0	
153	Payipini	0	
154	Phaphamani	0	
155	Phuzudele	0	
156	Paradise	0	
157	Qakwini	0	
158	Qubuka	0	
159	Sibomvu	0	
160	Sgqoqogqweni	0	

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LocalArea: LocalArea

Value	Label	Cases	Percentage
161	Shunqa	0	
162	Shozi	0	
163	Sivivanveni	0	
164	Shikishela	0	
165	Somkhele	0	
166	Sunjwaneni	0	
167	Sobayeka	0	
168	Sogceke	0	
169	Sipheko	0	
170	Swalihle	0	
171	Sanyoka	0	
172	Shayamoya	0	
173	Tamu	0	
174	Thandanani	0	
175	Thenjana	0	
176	Vezunyawo	3	0.0%
177	Zibomvini	0	
178	Zululiyaduma	0	
179	Zimambeni	0	
180	Zinkonjane	0	
181	Zwelethu	0	
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

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=7330 /-] [Invalid=0 /-]

icRapidHIVTest: Rapid HIV Test Consent

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=4768 /-] [Invalid=2562 /-]

Value	Label	Cases	Percentage
1	Yes	1612	33.8%
2	No	3156	66.2%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	0	
94	Query	0	

File : RD05-17 ACDIS HIV 2020

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	0	
Sysmiss		2562	

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

icConventionalHIVTest: Conventional HIV Test Consent

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=4768 /-] [Invalid=2562 /-]

Value	Label	Cases	Percentage
1	Consented	3341	70.1%
2	Did not consent	1427	29.9%
99	Missing	0	
Sysmiss		2562	

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

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=4768 /-] [Invalid=2562 /-]

Value	Label	Cases	Percentage
1	Consented	3712	77.9%
2	Did not consent	1056	22.1%
99	Missing	0	
Sysmiss		2562	

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

icRecontactSample: Recontact Sample Consent

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=4768 /-] [Invalid=2562 /-]

Value	Label	Cases	Percentage
1	Consented	0	
2	Did not consent	0	
99	Missing	4768	100.0%
Sysmiss		2562	

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

icHealth: General Health Consent

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=4768 /-] [Invalid=2562 /-]

Value	Label	Cases	Percentage
1	Consented	4616	96.8%
2	Did not consent	152	3.2%
99	Missing	0	

File : RD05-17 ACDIS HIV 2020

icHealth: General Health Consent

Value	Label	Cases	Percentage
Sysmiss		2562	

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

icSexualBehaviour: Sexual Behaviour Consent

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=4768 /-] [Invalid=2562 /-]

Value	Label	Cases	Percentage
1	Consented	4041	84.8%
2	Did not consent	727	15.2%
99	Missing	0	
Sysmiss		2562	

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

icRecontactQA: Recontact for QA Consent

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=4768 /-] [Invalid=2562 /-]

Value	Label	Cases	Percentage
1	Consented	0	
2	Did not consent	0	
99	Missing	4768	100.0%
Sysmiss		2562	

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

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=4768 /-] [Invalid=2562 /-]

Value	Label	Cases	Percentage
1	Consented	4382	91.9%
2	Did not consent	386	8.1%
99	Missing	0	
Sysmiss		2562	

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

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=4768 /-] [Invalid=0 /-]

UsePhoneEmail: Do you use your cellphone for email

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=4768 /-] [Invalid=2562 /-]

Value	Label	Cases	Percentage
1	Yes	1083	22.7%
2	No	3029	63.5%
90	SpecialQuery	0	
92	Deprecated	0	

File : RD05-17 ACDIS HIV 2020

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	656	13.8%
Sysmiss		2562	

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

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=4768 /-] [Invalid=2562 /-]

Value	Label	Cases	Percentage
1	Yes	1733	36.3%
2	No	2378	49.9%
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	657	13.8%
Sysmiss		2562	

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

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=4768 /-] [Invalid=2562 /-]

Value	Label	Cases	Percentage
1	Yes	1587	33.3%
2	No	2523	52.9%
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	658	13.8%
Sysmiss		2562	

File : RD05-17 ACDIS HIV 2020

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=4768 /-] [Invalid=2562 /-]

Value	Label	Cases	Percentage
1	Yes	3738	78.4%
2	No	371	7.8%
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	659	13.8%
Sysmiss		2562	

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=4768 /-] [Invalid=2562 /-]

Value	Label	Cases	Percentage
1	Yes	2145	45.0%
2	No	1963	41.2%
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	660	13.8%
Sysmiss		2562	

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=4768 /-] [Invalid=2562 /-]

Value	Label	Cases	Percentage
1	Yes	1408	29.5%
2	No	2692	56.5%
90	SpecialQuery	0	

File : RD05-17 ACDIS HIV 2020

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

Value	Label	Cases	Percentage
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	668	14.0%
Sysmiss		2562	

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

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=4768 /-] [Invalid=2562 /-]

Value	Label	Cases	Percentage
1	Yes	587	12.3%
2	No	3490	73.2%
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	691	14.5%
Sysmiss		2562	

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?

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=3345 /-] [Invalid=3985 /-]

Value	Label	Cases	Percentage
1	Yes	3340	99.9%
2	No	5	0.1%
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	

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HIVSpecimenCollec: Was HIV Specimen Collected?

Value	Label	Cases	Percentage
Sysmiss		3985	

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?

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=1616 /-] [Invalid=5714 /-]

Value	Label	Cases	Percentage
1	Yes	1600	99.0%
2	No	16	1.0%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	0	
94	Query	0	
95	Default	0	
96	Other	0	
97	Not Applicable	0	
98	Don't know	0	
99	Missing	0	
Sysmiss		5714	

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?

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=4768 /-] [Invalid=2562 /-]

Value	Label	Cases	Percentage
1	Individual Rapid HIV Testing	1576	33.1%
2	Couple Rapid HIV Testing	22	0.5%
99	Missing	3170	66.5%
Sysmiss		2562	

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.

# AQ1RapidTestResult: AQ1 Rapid Test Result			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=4768 /-] [Invalid=0 /-]		
# AQ2RapidTestResult: AQ2 Rapid Test Result			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=4768 /-] [Invalid=0 /-]		
# Abon1RapidTestResult: Abon1 Rapid Test Result			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=4768 /-] [Invalid=0 /-]		
# Abon2RapidTestResult: Abon2 Rapid Test Result			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=4768 /-] [Invalid=0 /-]		
# ElisaSampleCollec: Was Elisa Sample Collected?			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=1 /-] [Invalid=0 /-]		
# ElisaSampleDate: Elisa Sample Date			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=1 /-]		
# ElisaHIVTestResult: Elisa HIV Test Result			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=4768 /-] [Invalid=0 /-]		
# ElisaSampleCollecRep: Was Elisa Sample Collec Rep			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]		
# RapidHIVResult: HIV Rapid Test Result			
Information	[Type= discrete] [Format=numeric] [Range= 0-99] [Missing=*]		
Statistics [NW/ W]	[Valid=4768 /-] [Invalid=2562 /-]		
Value	Label	Cases	Percentage
0	Negative	1531	32.1%
1	Positive	67	1.4%
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	3154	66.1%
99	Missing	14	0.3%
Sysmiss		2562	
<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>			
# PartAlreadyAttClinic: Participant Already Attending Clinic			
Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]		

# PartAlreadyAttClinic: Participant Already Attending Clinic			
Statistics [NW/ W]		[Valid=67 /-] [Invalid=7263 /-]	
Value	Label	Cases	Percentage
1	Yes	18	26.9%
2	No	45	67.2%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	4	6.0%
94	Query	0	
95	Default	0	
96	Other	0	
97	Not Applicable	0	
98	Don't know	0	
99	Missing	0	
Sysmiss		7263	
<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>			
# ConsentRecordAttendanceClinic: Consent to record attendance at clini			
Information		[Type= discrete] [Format=character] [Missing=*]	
Statistics [NW/ W]		[Valid=4768 /-] [Invalid=0 /-]	
# ConsentSMSContact: Consent to SMS contact (and choose message)			
Information		[Type= discrete] [Format=character] [Missing=*]	
Statistics [NW/ W]		[Valid=4768 /-] [Invalid=0 /-]	
# ConsentPhoneCall: Consent for a Phone Call			
Information		[Type= discrete] [Format=character] [Missing=*]	
Statistics [NW/ W]		[Valid=4768 /-] [Invalid=0 /-]	
# AccessResidualSpecimensDOH: Consent to access residual specimens (blood and tissue) from Department of Health			
Information		[Type= discrete] [Format=character] [Missing=*]	
Statistics [NW/ W]		[Valid=4768 /-] [Invalid=0 /-]	
# AccessResidualSpecimDOHUnder18: Consent to access residual specimens (blood and tissue) from Department of Health			
Information		[Type= discrete] [Format=character] [Missing=*]	
Statistics [NW/ W]		[Valid=4768 /-] [Invalid=0 /-]	
# ContactFutureInfoAfterlinkage: Consent to be contacted in future on the basis of information obtained after link			
Information		[Type= discrete] [Format=character] [Missing=*]	
Statistics [NW/ W]		[Valid=4768 /-] [Invalid=0 /-]	
# ContactFutureInfoAfterlinkUndr18: Consent for my children (under 18 years) to be contacted in future on the basis			
Information		[Type= discrete] [Format=character] [Missing=*]	
Statistics [NW/ W]		[Valid=4768 /-] [Invalid=0 /-]	
# ContactFutureInfoDirProvUnder18: Consent for my children (under 18 years) to be contacted in future on the basis			
Information		[Type= discrete] [Format=character] [Missing=*]	
Statistics [NW/ W]		[Valid=4768 /-] [Invalid=0 /-]	

# ReceivedHIVTestResult: Have you ever received a test result for HIV?			
Information		[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]	
Statistics [NW/ W]		[Valid=4768 /-] [Invalid=2562 /-]	
Value	Label	Cases	Percentage
1	Yes	4215	88.4%
2	No	346	7.3%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	55	1.2%
94	Query	0	
95	Default	0	
96	Other	0	
97	Not Applicable	0	
98	Don't know	0	
99	Missing	152	3.2%
Sysmiss		2562	
<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>			
# HadPosHIVResult: Have you ever had a positive HIV test result?			
Information		[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]	
Statistics [NW/ W]		[Valid=4768 /-] [Invalid=2562 /-]	
Value	Label	Cases	Percentage
1	Yes	1237	25.9%
2	No	3316	69.5%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	63	1.3%
94	Query	0	
95	Default	0	
96	Other	0	
97	Not Applicable	0	
98	Don't know	0	
99	Missing	152	3.2%
Sysmiss		2562	
<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>			
# CurrentlyOnART: Are you currently receiving ART?			
Information		[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]	
Statistics [NW/ W]		[Valid=4768 /-] [Invalid=2562 /-]	
Value	Label	Cases	Percentage
1	Yes	1172	24.6%
2	No	63	1.3%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	2	0.0%
94	Query	0	
95	Default	0	

# CurrentlyOnART: Are you currently receiving ART?			
Value	Label	Cases	Percentage
96	Other	0	
97	Not Applicable	0	
98	Don't know	0	
99	Missing	3531	74.1%
Sysmiss		2562	
<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>			
# When1stHIVPosResult: When was your first positive test result?			
Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]		
Statistics [NW/ W]	[Valid=4768 /-] [Invalid=2562 /-]		
Value	Label	Cases	Percentage
1	More than one year ago	78	1.6%
2	Less than on year ago	1158	24.3%
3	Never got the results	0	
92	Deprecated	0	
93	Refused	1	0.0%
99	Missing	3531	74.1%
Sysmiss		2562	
<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>			
# WhenLastHIVNegResult: When was your last negative test result?			
Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]		
Statistics [NW/ W]	[Valid=4768 /-] [Invalid=2562 /-]		
Value	Label	Cases	Percentage
1	More than one year ago	1223	25.7%
2	Less than on year ago	2886	60.5%
3	Never got the results	507	10.6%
92	Deprecated	0	
93	Refused	0	
99	Missing	152	3.2%
Sysmiss		2562	
<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>			
# WhenARTInitiated: When did you first start ART?			
Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]		
Statistics [NW/ W]	[Valid=4768 /-] [Invalid=2562 /-]		
Value	Label	Cases	Percentage
1	More than one year ago	46	1.0%
2	Less than on year ago	1077	22.6%
3	Never got the results	0	
92	Deprecated	0	
93	Refused	0	
99	Missing	3645	76.4%
Sysmiss		2562	
<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?			
Information		[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]	
Statistics [NW/ W]		[Valid=4768 /-] [Invalid=2562 /-]	
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	4768	100.0%
Sysmiss		2562	

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.