

South Africa - AHRI HDSS.RD05-99 ACDIS HIV AII

Nompumelelo Mkwazi

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Identification

SURVEY ID NUMBER
RD05-99.ACDIS.HIV.All

TITLE
AHRI HDSS.RD05-99 ACDIS HIV All

COUNTRY

Name	Country code
South Africa	ZA

ABSTRACT

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

KIND OF DATA

Surveillance data

UNIT OF ANALYSIS

AHRI HDSS Individual surveillance eligible individuals

Version

VERSION DESCRIPTION

v2.0.0

Scope

TOPICS

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

KEYWORDS

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

Coverage

GEOGRAPHIC COVERAGE

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

For more refer:

1. Dickman Gareta, Kathy Baisley, Thobeka Mngomezulu, Theresa Smit, Thandeka Khoza, Siyabonga Nxumalo, Jaco Dreyer, Sweetness Dube, Nomathamsanqa Majozi, Gregory Ordning-Jespersion, Eugene Ehlers, Guy Harling, Maryam Shahmanesh, Mark Siedner, Willem Hanekom, Kobus Herbst, Cohort Profile Update: Africa Centre Demographic Information System (ACDIS) and population-based HIV survey, International Journal of Epidemiology, Volume 50, Issue 1, February 2021, Pages 33-34, <<https://doi.org/10.1093/ije/dyaa264>>
2. Tanser F, Hosegood V, Bärnighausen T, Herbst K, Nyirenda M, Muhwava W, Newell C, Viljoen J, Mutevedzi T, Newell ML. Cohort Profile: Africa Centre Demographic Information System (ACDIS) and population-based HIV survey. Int J Epidemiol. 2008 Oct;37(5):956-62. doi: 10.1093/ije/dym211. Epub 2007 Nov 12. PMID: 17998242; PMCID: PMC2557060.
3. Iwuji CC, Orne-Gliemann J, Larmarange J, Balestre E, Thiebaut R, Tanser F, Okesola N, Makowa T, Dreyer J, Herbst K, McGrath N, Bärnighausen T, Boyer S, De Oliveira T, Rekacewicz C, Bazin B, Newell ML, Pillay D, Dabis F; ANRS 12249 TasP Study Group. Universal test and treat and the HIV epidemic in rural South Africa: a phase 4, open-label, community cluster randomised trial. Lancet HIV. 2018 Mar;5(3):e116-e125. doi: 10.1016/S2352-3018(17)30205-9. Epub 2017 Nov 30. PMID: 29199100.

UNIVERSE

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

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
Dr Abraham Jacobus Herbst	Africa Health Research Institute
Prof. Willem Hanekom	Africa Health Research Institute
Prof. Janet Seeley	Africa Health Research Institute
Prof. Maryam Shahmanesh	Africa Health Research Institute
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PRODUCERS

Name	Abbreviation
Africa Health Research Institute	AHRI

FUNDING AGENCY/SPONSOR

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

OTHER IDENTIFICATIONS/ACKNOWLEDGMENTS

Name	Affiliation	Role
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Lindiwe Sithole	AHRI	Data collection
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Eugene Prenzler	AHRI	Data Analytics
Brendan Gilbert	AHRI	IT infrastructure
Sweetness Dube	AHRI	Data documentation
Siyabonga Nxumalo	AHRI	Research Data management
Dickman Gareta	AHRI	Research Data management
Kathy Baisley	AHRI	Statistics

Sampling

SAMPLING PROCEDURE

All individuals meeting the eligibility criteria described in the abstract

Data collection

DATES OF DATA COLLECTION

Start	End
2001-02-21	2024-05-24

Data Processing

DATA EDITING

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

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

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

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

Access policy

ACCESS CONDITIONS

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

CITATION REQUIREMENTS

Herbst, A. J., Hanekom, W., Seeley, J., Shahmanesh, M., Harling, G., & Siedner, M. (2025). AHRI HDSS.RD05-99 ACDIS HIV All [Data set]. Africa Health Research Institute. DOI:<https://doi.org/10.23664/RD05-99.ACDIS.HIV.ALL>

Metadata production

DDI DOCUMENT ID

DDI.RD05-99.ACDIS.HIV.All

PRODUCERS

Name	Abbreviation
Africa Health Research Institute	AHRI

Data Dictionary

Data file	Cases	Variables
RD05-99 ACDIS HIV All	547205	51

Data file: RD05-99 ACDIS HIV All

Cases: 547205

Variables: 51

Variables

ID	Name	Label	Question
V589	IntId	Unique Internal Id of Individual	
V590	VisitDate	Visit Date	
V591	DSRound	Demographic surveillance round	
V592	ResidencyBSIntId	Bounded Structure Id at the time of drawing eligibility list	
V593	Sex	Sex	
V594	AgeAtVisit	AgeAtVisit	
V595	FormRefused	FormRefused	
V596	HIVRefused	HIV Refused	
V597	HIVRefusedBy	HIV Refused By	
V598	HIVSpecimenType	HIV Specimen Type	
V599	HIVResult	HIV Result	
V600	FoodVoucherRecipient	Food Voucher Recipient	
V601	KnowsHIVStatus	KnowsHIVStatus	
V602	HeardAboutART	Heard About ART	
V603	KnowsWhereToObtainART	Knows Where To Obtain ART	
V604	CanNamePlaceToObtainART	Can Name Place To Obtain ART	
V605	ApprovesProvisionART	Approves Provision ART	
V606	BelievesARTMakeFeelBetter	Believes ART Make Feel Better	
V607	KnowsSomebodyPersonallyOnART	Knows Somebody Personally On ART	
V608	PreferredPlaceToTest	Preferred Place ToTest	
V609	PreferredPlaceToTestSpecify	Preferred Place To Test Specify	
V610	PreferredTestMethod	Preferred Test Method	
V611	BelievesARTImprovesHealth	Believes ART Improves Health	
V612	BelievesARTMakesTalkEasier	Believes ART Makes Talk Easier	
V613	WhenLastTested	When Last Tested	
V614	WhereLastTested	Where Last Tested	
V615	WhereLastTestedSpecify	Where Last Tested Specify	
V616	HeardOfUbumbanoLwentsha	Heard Of Ubumbano Lwentsha	
V617	AttendedUbumbanoLwentsha	Attended Ubumbano Lwentsha	
V618	TestMoreIfARTImmediately	Test More If ART Immediately	
V619	TestEasierIfARTImmediately	Test Easier If ART Immediately	
V620	HIVSpecimenCollec	Was HIV Specimen Collected?	
V621	RapidTestDone	Was Rapid Test Done?	
V622	RapidTestIndivCoup	Was testing performed Individually or as a Couple?	
V623	AQ1RapidTestResult	AQ1 Rapid Test Result	
V624	AQ2RapidTestResult	AQ2 Rapid Test Result	
V625	Abon1RapidTestResult	Abon1 Rapid Test Result	
V626	Abon2RapidTestResult	Abon2 Rapid Test Result	

ID	Name	Label	Question
V627	RapidHIVResult	HIV Rapid Test Result	
V628	ElisaSampleCollec	Was Elisa Sample Collected?	
V629	ElisaSampleDate	Elisa Sample Date	
V630	ElisaHIVTestResult	Elisa HIV Test Result	
V631	ElisaSampleCollecRep	Was Elisa Sample Collec Rep	
V632	RepElisaHIVTestResult	Repeat Elisa HIV Test Result	
V633	ReceivedHIVTestResult	Have you ever received a test result for HIV?	
V634	HadPosHIVResult	Have you ever had a positive HIV test result?	
V635	CurrentlyOnART	Are you currently receiving ART?	
V636	When1stHIVPosResult	When was your first positive test result?	
V637	WhenLastHIVNegResult	When was your last negative test result?	
V638	WhenARTInitiated	When did you first start ART?	
V639	PlaceCurrentlyReceiveART	Where do you currently receive your ART from?	

Total: 51

IINTID: Unique Internal Id of Individual

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 547205 Invalid: 0 Minimum: 14 Maximum: 274284 Mean: 77382.979 Standard deviation: 57165.543

Type: Continuous Decimal: 0 Width: 12 Range: 14 - 274284 Format: Numeric

VISITDATE: Visit Date

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 547205 Minimum: 2001-02-21 Maximum: 2024-05-24

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

DSROUND: Demographic surveillance round

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 547203 Invalid: 2 Minimum: 3 Maximum: 121 Mean: 108.398 Standard deviation: 18.967

Type: Continuous Decimal: 0 Width: 12 Range: 3 - 121 Format: Numeric

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

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 520797 Invalid: 26408 Minimum: 11 Maximum: 355616 Mean: 11027.958 Standard deviation: 21536.702

Type: Continuous Decimal: 0 Width: 12 Range: 11 - 355616 Format: Numeric

SEX: Sex

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 547205 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Male	212038	38.7%

2	Female	335167	61.3%
9	Unknown	0	0%

AGEATVISIT: AgeAtVisit

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 547205 Invalid: 0 Minimum: 0 Maximum: 999 Mean: 36.761 Standard deviation: 19.322
 Type: Continuous Decimal: 0 Width: 12 Range: 0 - 999 Format: Numeric

FORMREFUSED: FormRefused

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 547205 Invalid: 0
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	123104	22.5%
2	No	258469	47.2%
90	SpecialQuery	0	0%
92	Deprecated	0	0%
93	Refused	0	0%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	7	0%
98	Don?t know	0	0%
99	Missing	165625	30.3%

HIVREFUSED: HIV Refused

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 547205 Invalid: 0
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	183775	33.6%
2	No	230859	42.2%
90	SpecialQuery	0	0%
92	Deprecated	0	0%
93	Refused	0	0%
94	Query	0	0%
95	Default	154	0%
96	Other	0	0%
97	Not Applicable	132417	24.2%
98	Don?t know	0	0%
99	Missing	0	0%

HIVREFUSED BY: HIV Refused By

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 547205 Invalid: 0
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Self	163675	29.9%
2	Partner	1571	0.3%
3	HH head	3485	0.6%
4	BS owner	2078	0.4%
5	Other	2986	0.5%
97	Not applicable	348622	63.7%
99	Missing	24788	4.5%

HIVSPECIMENTYPE: HIV Specimen Type

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 546673 Invalid: 532
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Dried Blood Spot	322537	59%
2	Microcapillary - Individual	10372	1.9%
3	Microcapillary - Pooled	5	0%
4	Oral	154	0%
5	Venous	0	0%
97	Not Applicable	213605	39.1%
99	Missing	0	0%
Sysmiss		532	

HIVRESULT: HIV Result

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 544218 Invalid: 2987
 Type: Discrete Decimal: 0 Width: 12 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Negative	167875	30.8%
1	Positive	61396	11.3%
2	Indeterminate	412	0.1%
3	Insufficient sample volume	147	0%
4	Spurious (probably not this person)	114	0%
5	Spurious negative(HIV reverse seroconversion)	6	0%
6	Spurious positive(HIV reverse seroconversion)	10	0%
92	Deprecated	0	0%
93	Refused	0	0%
97	Not applicable	314201	57.7%
99	Missing	57	0%
Sysmiss		2987	

FOODVOUCHERRECIPIENT: Food Voucher Recipient**Data file: RD05-99 ACDIS HIV All****Overview**

Valid: 434978 Invalid: 112227
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	1942	0.4%
2	No	2956	0.7%
90	SpecialQuery	0	0%
92	Deprecated	246118	56.6%
93	Refused	0	0%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	183962	42.3%
98	Don?t know	0	0%
99	Missing	0	0%
Sysmiss		112227	

KNOWSHIVSTATUS: KnowsHIVStatus**Data file: RD05-99 ACDIS HIV All****Overview**

Valid: 366139 Invalid: 181066
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	91624	25%
2	No	76195	20.8%
90	SpecialQuery	0	0%
92	Deprecated	0	0%

93	Refused	41486	11.3%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	154532	42.2%
98	Don?t know	0	0%
99	Missing	2302	0.6%
Sysmiss		181066	

HEARDABOUTART: Heard About ART

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 366139 Invalid: 181066
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	136838	37.4%
2	No	29819	8.1%
90	SpecialQuery	0	0%
92	Deprecated	0	0%
93	Refused	42368	11.6%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	155273	42.4%
98	Don?t know	0	0%
99	Missing	1841	0.5%
Sysmiss		181066	

KNOWSWHERETOBTAINART: Knows Where To ObtainART

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 366139 Invalid: 181066
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	121534	33.2%
2	No	14883	4.1%
90	SpecialQuery	0	0%
92	Deprecated	0	0%
93	Refused	14873	4.1%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	213208	58.2%
98	Don?t know	0	0%
99	Missing	1641	0.4%
Sysmiss		181066	

CANNAMEPLACETOBTAINART: Can Name Place To Obtain ART

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 366139 Invalid: 181066
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	21199	5.8%
2	No	4189	1.1%
90	SpecialQuery	0	0%
92	Deprecated	0	0%
93	Refused	14592	4%
94	Query	0	0%
95	Default	175331	47.9%
96	Other	0	0%
97	Not Applicable	150828	41.2%
98	Don?t know	0	0%
99	Missing	0	0%

Sysmiss		181066	
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APPROVESPROVISIONART: Approves Provision ART

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 366139 Invalid: 181066
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	30183	8.2%
2	No	890	0.2%
90	SpecialQuery	0	0%
92	Deprecated	149734	40.9%
93	Refused	14687	4%
94	Query	0	0%
95	Default	168742	46.1%
96	Other	0	0%
97	Not Applicable	1091	0.3%
98	Don?t know	812	0.2%
99	Missing	0	0%
Sysmiss		181066	

BELIEVESARTMAKEFEELBETTER: Believes ART Make Feel Better

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 366139 Invalid: 181066
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	26701	7.3%
2	No	2614	0.7%
90	SpecialQuery	0	0%

92	Deprecated	0	0%
93	Refused	14695	4%
94	Query	0	0%
95	Default	168964	46.1%
96	Other	0	0%
97	Not Applicable	150825	41.2%
98	Don?t know	2340	0.6%
99	Missing	0	0%
Sysmiss		181066	

KNOWSSOMEBODYPERSONALLYONART: Knows Somebody Personally On ART

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 366139 Invalid: 181066
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	13992	3.8%
2	No	18028	4.9%
90	SpecialQuery	0	0%
92	Deprecated	0	0%
93	Refused	14663	4%
94	Query	0	0%
95	Default	168632	46.1%
96	Other	0	0%
97	Not Applicable	150824	41.2%
98	Don?t know	0	0%
99	Missing	0	0%
Sysmiss		181066	

PREFERREDPLACETOTEST: Preferred Place ToTest

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 366139 Invalid: 181066
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	At Counselling Centre	1138	0.3%
2	At Clinic	82509	22.5%
3	Deprecated (i.e. Pre-2009)	149734	40.9%
4	Don't know	705	0.2%
5	At home	26308	7.2%
6	At Hospital	1073	0.3%
7	At Mobile Testing Unit	628	0.2%
8	At Private Doctor	3656	1%
93	Refused	14732	4%
96	Other	433	0.1%
99	Missing	85223	23.3%
Sysmiss		181066	

PREFERREDPLACETOTESTSPECIFY: Preferred Place To Test Specify

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 412 Invalid: 0
 Type: Discrete Width: 100 Range: - Format: character

PREFERREDTESTMETHOD: Preferred Test Method

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 366139 Invalid: 181066
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Dried blood-spot test and pick-up result at a Counselling Centre	3048	0.8%
2	Deprecated (i.e. all 2010 onwards)	257892	70.4%
3	Dried blood-spot and home delivery of the result	6999	1.9%
4	VCT at home, performed by a HIV Counsellor	2219	0.6%
93	Refused	14674	4%

97	Not applicable (i.e. pre-2009)	81300	22.2%
99	Missing	7	0%
Sysmiss		181066	

BELIEVESARTIMPROVESHEALTH: Believes ART Improves Health

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 366139 Invalid: 181066
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	99554	27.2%
2	No	848	0.2%
90	SpecialQuery	0	0%
92	Deprecated	0	0%
93	Refused	126	0%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	168599	46%
98	Don?t know	3954	1.1%
99	Missing	93058	25.4%
Sysmiss		181066	

BELIEVESARTMAKESTALKEASIER: Believes ART Makes Talk Easier

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 366139 Invalid: 181066
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	21622	5.9%

2	No	1494	0.4%
90	SpecialQuery	0	0%
92	Deprecated	92805	25.3%
93	Refused	760	0.2%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	163285	44.6%
98	Don?t know	0	0%
99	Missing	86173	23.5%
Sysmiss		181066	

WHENLASTTESTED: When Last Tested

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 366139 Invalid: 181066
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	6 months to 1 year ago	29968	8.2%
2	In last 6 months	23969	6.5%
3	More than a year ago	10683	2.9%
93	Refused	1693	0.5%
97	Not Applicable (i.e. pre-2010)	130483	35.6%
99	Missing	169343	46.3%
Sysmiss		181066	

WERELASTTESTED: Where Last Tested

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 366139 Invalid: 181066
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	At Counselling Centre	775	0.2%
2	At Clinic	50894	13.9%
3	At home	5104	1.4%
4	At hospital	1788	0.5%
5	At Mobile Testing Unit	1582	0.4%
6	Not applicable (pre-2010)	130533	35.7%
7	At Private Doctor	2693	0.7%
8	At Ubumbano Lwentsha game	9	0%
92	Deprecated	0	0%
93	Refused	1473	0.4%
96	Other	1989	0.5%
98	Don't know	47	0%
99	Missing	169252	46.2%
Sysmiss		181066	

WHERELASTTESTEDSPECIFY: Where Last Tested Specify

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 1987 Invalid: 0
 Type: Discrete Width: 100 Range: - Format: character

HEARDOFUBUMBANOLWENTSHA: Heard Of Ubumbano Lwentsha

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 366139 Invalid: 181066
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	4274	1.2%
2	No	10841	3%
90	SpecialQuery	0	0%

92	Deprecated	242559	66.2%
93	Refused	0	0%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	108247	29.6%
98	Don?t know	0	0%
99	Missing	218	0.1%
Sysmiss		181066	

ATTENDEUBUMBANOLWENTSHA: Attended Ubumbano Lwentsha

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 366139 Invalid: 181066
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	1726	0.5%
2	No	13376	3.7%
90	SpecialQuery	0	0%
92	Deprecated	242561	66.2%
93	Refused	0	0%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	108247	29.6%
98	Don?t know	0	0%
99	Missing	229	0.1%
Sysmiss		181066	

TESTMOREIFARTIMMEDIATELY: Test More If ART Immediately

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 366139 Invalid: 181066
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	11183	3.1%
2	No	600	0.2%
90	SpecialQuery	0	0%
92	Deprecated	242539	66.2%
93	Refused	0	0%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	108247	29.6%
98	Don?t know	0	0%
99	Missing	3570	1%
Sysmiss		181066	

TESTEASIERIFARTIMMEDIATELY: Test Easier If ART Immediately

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 366139 Invalid: 181066
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	11126	3%
2	No	603	0.2%
90	SpecialQuery	0	0%
92	Deprecated	242539	66.2%
93	Refused	0	0%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	108247	29.6%
98	Don?t know	0	0%
99	Missing	3624	1%

Sysmiss		181066	
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HIVSPECIMENCOLLEC: Was HIV Specimen Collected?

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 91831 Invalid: 455374

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	91641	99.8%
2	No	190	0.2%
90	SpecialQuery	0	0%
92	Deprecated	0	0%
93	Refused	0	0%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	0	0%
98	Don?t know	0	0%
99	Missing	0	0%
Sysmiss		455374	

RAPIDTESTDONE: Was Rapid Test Done?

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 49083 Invalid: 498122

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	48634	99.1%
2	No	449	0.9%
90	SpecialQuery	0	0%

92	Deprecated	0	0%
93	Refused	0	0%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	0	0%
98	Don?t know	0	0%
99	Missing	0	0%
Sysmiss		498122	

RAPIDTESTINDIVCOUP: Was testing performed Individually or as a Couple?

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 366139 Invalid: 181066
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Individual	48307	13.2%
2	Couple	341	0.1%
95	Default	216405	59.1%
99	Missing	101086	27.6%
Sysmiss		181066	

AQ1RAPIDTESTRESULT: AQ1 Rapid Test Result

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 366139 Invalid: 181066
 Type: Discrete Decimal: 0 Width: 12 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Negative	39872	10.9%
1	Positive	8535	2.3%

2	Indeterminate	0	0%
3	Insufficient sample volume	187	0.1%
4	Spurious (probably not this person)	24	0%
5	Spurious negative(HIV reverse seroconversion)	0	0%
6	Spurious positive(HIV reverse seroconversion)	0	0%
92	Deprecated	216405	59.1%
93	Refused	0	0%
97	Not applicable	0	0%
99	Missing	101116	27.6%
Sysmiss		181066	

AQ2RAPIDTESTRESULT: AQ2 Rapid Test Result

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 366139 Invalid: 181066
 Type: Discrete Decimal: 0 Width: 12 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Negative	18	0%
1	Positive	5	0%
2	Indeterminate	0	0%
3	Insufficient sample volume	0	0%
4	Spurious (probably not this person)	7	0%
5	Spurious negative(HIV reverse seroconversion)	0	0%
6	Spurious positive(HIV reverse seroconversion)	0	0%
92	Deprecated	216405	59.1%
93	Refused	0	0%
97	Not applicable	0	0%
99	Missing	149704	40.9%
Sysmiss		181066	

ABON1RAPIDTESTRESULT: Abon1 Rapid Test Result

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 366139 Invalid: 181066
 Type: Discrete Decimal: 0 Width: 12 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Negative	37800	10.3%
1	Positive	2422	0.7%
2	Indeterminate	0	0%
3	Insufficient sample volume	0	0%
4	Spurious (probably not this person)	22	0%
5	Spurious negative(HIV reverse seroconversion)	0	0%
6	Spurious positive(HIV reverse seroconversion)	0	0%
92	Deprecated	216405	59.1%
93	Refused	0	0%
97	Not applicable	0	0%
99	Missing	109490	29.9%
Sysmiss		181066	

ABON2RAPIDTESTRESULT: Abon2 Rapid Test Result

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 366139 Invalid: 181066
 Type: Discrete Decimal: 0 Width: 12 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Negative	19	0%
1	Positive	3	0%
2	Indeterminate	0	0%
3	Insufficient sample volume	0	0%
4	Spurious (probably not this person)	4	0%
5	Spurious negative(HIV reverse seroconversion)	0	0%
6	Spurious positive(HIV reverse seroconversion)	0	0%
92	Deprecated	216405	59.1%

93	Refused	0	0%
97	Not applicable	0	0%
99	Missing	149708	40.9%
Sysmiss		181066	

RAPIDHIVRESULT: HIV Rapid Test Result

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 366139 Invalid: 181066
 Type: Discrete Decimal: 0 Width: 12 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Negative	44558	12.2%
1	Positive	2624	0.7%
2	Indeterminate	0	0%
3	Insufficient sample volume	102	0%
4	Spurious (probably not this person)	20	0%
5	Spurious negative(HIV reverse seroconversion)	0	0%
6	Spurious positive(HIV reverse seroconversion)	0	0%
92	Deprecated	216405	59.1%
93	Refused	0	0%
97	Not applicable	78346	21.4%
99	Missing	24084	6.6%
Sysmiss		181066	

ELISASAMPLECOLLEC: Was Elisa Sample Collected?

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 100 Invalid: 547105
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
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1	Yes	87	87%
2	No	13	13%
90	SpecialQuery	0	0%
92	Deprecated	0	0%
93	Refused	0	0%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	0	0%
98	Don?t know	0	0%
99	Missing	0	0%
Sysmiss		547105	

ELISASAMPLEDATE: Elisa Sample Date

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 87 Minimum: 2017-04-19 Maximum: 2024-01-30
 Type: Discrete Width: 11 Range: - Format: character

ELISAHIVTESTRESULT: Elisa HIV Test Result

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 366139 Invalid: 181066
 Type: Discrete Decimal: 0 Width: 12 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Negative	36	0%
1	Positive	47	0%
2	Indeterminate	0	0%
3	Insufficient sample volume	0	0%
4	Spurious (probably not this person)	0	0%
5	Spurious negative(HIV reverse seroconversion)	0	0%
6	Spurious positive(HIV reverse seroconversion)	0	0%
92	Deprecated	0	0%
93	Refused	0	0%

97	Not applicable	216405	59.1%
99	Missing	149651	40.9%
Sysmiss		181066	

ELISASAMPLECOLLECREP: Was Elisa Sample Collec Rep

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 0 Invalid: 547205

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

REPELISAHIVTESTRESULT: Repeat Elisa HIV Test Result

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 366139 Invalid: 181066

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Negative	0	0%
1	Positive	0	0%
2	Indeterminate	0	0%
3	Insufficient sample volume	0	0%
4	Spurious (probably not this person)	0	0%
5	Spurious negative(HIV reverse seroconversion)	0	0%
6	Spurious positive(HIV reverse seroconversion)	0	0%
92	Deprecated	0	0%
93	Refused	0	0%
97	Not applicable	216405	59.1%
99	Missing	149734	40.9%
Sysmiss		181066	

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

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 366139 Invalid: 181066
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	113883	31.1%
2	No	14889	4.1%
90	SpecialQuery	0	0%
92	Deprecated	216405	59.1%
93	Refused	1324	0.4%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	0	0%
98	Don?t know	0	0%
99	Missing	19638	5.4%
Sysmiss		181066	

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

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 366139 Invalid: 181066
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	28136	7.7%
2	No	96930	26.5%
90	SpecialQuery	0	0%
92	Deprecated	216405	59.1%
93	Refused	3027	0.8%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%

97	Not Applicable	0	0%
98	Don?t know	0	0%
99	Missing	21641	5.9%
Sysmiss		181066	

CURRENTLYONART: Are you currently receiving ART?

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 366139 Invalid: 181066
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	26744	7.3%
2	No	1358	0.4%
90	SpecialQuery	0	0%
92	Deprecated	216405	59.1%
93	Refused	47	0%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	0	0%
98	Don?t know	0	0%
99	Missing	121585	33.2%
Sysmiss		181066	

WHEN1STHIVPOSRESULT: When was your first positive test result?

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 366139 Invalid: 181066
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
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1	More than one year ago	6318	1.7%
2	Less than on year ago	21784	5.9%
3	Never got the results	0	0%
92	Deprecated	216405	59.1%
93	Refused	94	0%
99	Missing	121538	33.2%
Sysmiss		181066	

WHENLASTHIVNEGRESULT: When was your last negative test result?

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 366139 Invalid: 181066
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	More than one year ago	32124	8.8%
2	Less than on year ago	59461	16.2%
3	Never got the results	22417	6.1%
92	Deprecated	216405	59.1%
93	Refused	0	0%
99	Missing	35732	9.8%
Sysmiss		181066	

WHENARTINITIATED: When did you first start ART?

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 366139 Invalid: 181066
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	More than one year ago	5325	1.5%
2	Less than on year ago	15112	4.1%

3	Never got the results	0	0%
92	Deprecated	216405	59.1%
93	Refused	0	0%
99	Missing	129297	35.3%
Sysmiss		181066	

PLACECURRENTLYRECEIVEART: Where do you currently receive your ART from?

Data file: RD05-99 ACDIS HIV All

Overview

Valid: 366139 Invalid: 181066
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	At Counselling Centre	2901	0.8%
2	At Clinic	14	0%
3	At home	5	0%
4	At hospital	10	0%
5	At Mobile Testing Unit	35	0%
6	Not applicable (pre-2010)	14	0%
7	At Private Doctor	0	0%
8	At Ubumbano Lwentsha game	0	0%
92	Deprecated	216405	59.1%
93	Refused	4	0%
96	Other	0	0%
98	Don't know	0	0%
99	Missing	146751	40.1%
Sysmiss		181066	

Download related resources

Questionnaires

Questionnaire:Individual Health Observation Form (IHO)

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

Technical documents

DDI:RD05-99 ACDIS HIV All

Title DDI:RD05-99 ACDIS HIV All
Author(s) Nompumelelo Mkwanazi
Date 18-06-2025
Country South Africa
Language English
Publisher(s) Nompumelelo Mkwanazi
Filename RD05-99 ACDIS HIV All.pdf
