

South Africa - AHRI HDSS:Individual Health Surveillance HIV 2003-04

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Identification

SURVEY ID NUMBER

AHRI.RD05-01.HDSS.HIV.2003-4

TITLE

AHRI HDSS:Individual Health Surveillance HIV 2003-04

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 2003, population-based individual health surveillance (funded by the Wellcome Trust, UK) was started in ACDIS through annual surveys. The field visits took place from November 2002 to February 2005, the vast majority (>97%) during 2003-04. 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 visit and contact those individuals. At the time of visit some people included in the Eligibility List were found to in fact be ineligible - perhaps because they were dead or had out-migrated - events either not known about at the time the Eligibility List was compiled or occurring between the drawing up of the Eligibility List and the actual visit. These 'retrospective ineligibilities' are identifiable in the dataset as 'Premature Completions with reasons such as "Death or "Outmigration". There were also some individuals who could not be contacted, even after repeated visits and 'tracking' attempts for those who were reported to have moved. These are identifiable as `PrematureCompletionReason = ??` (i.e. Non-Contact). Additionally, a small number were contacted but refused to participate in the survey. They are identifiable by `VisitType = Refused`. Finally, there are some who participated in the survey, but refused the HIV test offered. They are identifiable as `HIVRefused = 'Y'`.

This dataset includes only those included in the Eligibility List. It does not include the small number (x) of 'Voluntary walk-in Testers' i.e., individuals who were not part of the Eligibility List, but who visited Counselling Centres and requested an HIV test.

Eligibility criteria for inclusion into the Eligibility List was different for residents and non-residents. For residents: resident males aged 15 and 54 and resident females aged 15 and 49 were included. For non-residents: a 10% stratified sample of non-residents was also included in the Eligibility List. A specific reference date was used to draw the Eligibility List.

Collection of the heights/weights/blood pressures was abandoned after part of the Round (in March 2004) as it was very slow, especially the blood pressures.

For 2003-04 General Health dataset, the records defined, for this dataset as being those `Woman/ManStatusObservations` with visit dates between 1 Jan 2003 and 31 Dec 2004 and DSS Round not 101 or 102. This spans DSS Rounds 8, 9 and 10. 97% of the visits actually took place between February 2003 and April 2004. Before then the forms used are known as 'WHL' or 'MGL' for which a separate dataset exists. Also, after WGHv1/MGHv1 there were substantially shorter forms used, called WGHv2/ MGHv2. That is also a separately available dataset.

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

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

For more refer:

1. Tanser F, Hosegood V, 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.

KIND OF DATA
Surveillance data

UNIT OF ANALYSIS
AHRI HDSS Individual surveillance eligible individuals

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 Population Intervention Programme Study Area (PIPSA) is situated in uMkhanyakude district KwaZulu-Natal province which is approximately 200km north of Durban.

For more refer:

1. 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.

UNIVERSE

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

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
Dr Abraham Jacobus Herbst	Africa Health Research Institute
Prof. Willem Hanekom	Africa Health Research Institute
Prof. Janet Seeley	Africa Health Research Institute
Prof. Maryam Shahmanesh	Africa Health Research Institute
Dr. Guy Harling	Africa Health Research Institute
Dr. Mark Siedner	Africa Health Research Institute

PRODUCERS

Name
Africa Health Research Institute

FUNDING AGENCY/SPONSOR

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

OTHER IDENTIFICATIONS/ACKNOWLEDGMENTS

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

Sampling

SAMPLING PROCEDURE

All individuals meeting the eligibility criteria described in the abstract

Data Collection

DATES OF DATA COLLECTION

Start	End
2003-03-09	2004-11-08

Data Processing

DATA EDITING

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

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

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

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

Access policy

ACCESS CONDITIONS

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

CITATION REQUIREMENTS

Herbst, K., Hanekom, W., Seeley, J., Shahmanesh, M., Harling, G., & Siedner, M. (2023). AHRI HDSS:Individual Health Surveillance HIV 2003-04 [Data set]. Africa Health Research Institute.
DOI:<https://doi.org/10.23664/AHRI.RD05-01.HDSS.HIV.2003-4>

Metadata production

DDI DOCUMENT ID

DDI.AHRI.RD05-01.HDSS.HIV.2003-4

PRODUCERS

Name	Abbreviation
Africa Health Research Institute	AHRI

Data Dictionary

Data file	Cases	Variables
RD05-01 ACDIS HIV 2003_4	33551	26

Data file: RD05-01 ACDIS HIV 2003_4

Cases: 33551

Variables: 26

Variables

ID	Name	Label	Question
V332	BMFStatusObservation	BMFStatusObservation Id	
V333	PrematureCompletionReason	Premature Completion Reason	
V334	IntId	Unique Internal Id of Individual	
V335	Sex	Sex	
V336	DateOfBirth	Date of birth	
V337	Household	Household Id	
V338	BSIntId	Unique Internal Id of BoundedStructures	
V339	Resident	Residency status	
V340	VisitDate	Visit Date	
V341	VisitType	Visit Type	
V342	HIVSampleId	HIV Sample Id	
V343	HIVRefused	HIV Refused	
V344	HIVRefusedBy	HIV Refused By	
V345	HIVSampleAvailable	HIV Sample Available	
V346	HIVResult	HIV Result	
V347	HeightRefused	Height Refused	
V348	HeightCms	Height in Cms	
V349	WeightRefused	Weight Refused	
V350	WeightKgs	Weight in Kgs	
V351	BPRefused	BP Refused	
V352	BPFirstSystolic	BP First Systolic	
V353	BPFirstDiastolic	BP First Diastolic	
V354	BPSecondSystolic	BP Second Systolic	
V355	BPSecondDiastolic	BP Second Diastolic	
V356	BPThirdSystolic	BP Third Systolic	
V357	BPThirdDiastolic	BP Third Diastolic	

Total: 26

BMFSTATUSOBSERVATION: BMFStatusObservation Id**Data file: RD05-01 ACDIS HIV 2003_4****Overview**

Valid: 22138 Invalid: 11413 Minimum: 801 Maximum: 57302 Mean: 14742.975 Standard deviation: 7939.308

Type: Continuous Decimal: 0 Width: 12 Range: 801 - 57302 Format: Numeric

PREMATURECOMPLETIONREASON: Premature Completion Reason**Data file: RD05-01 ACDIS HIV 2003_4****Overview**

Valid: 22138 Invalid: 11413

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Broken Down BS	0	0%
2	Mentally Disabled	41	0.2%
3	Outmigration	0	0%
4	Non-contact	0	0%
5	Other Reasons	21	0.1%
6	Very Sick	5	0%
7	Not Tracked (too far)	0	0%
93	Refused	8	0%
97	Not Applicable	708	3.2%
99	Missing	21355	96.5%
Sysmiss		11413	

IINTID: Unique Internal Id of Individual**Data file: RD05-01 ACDIS HIV 2003_4****Overview**

Valid: 33551 Invalid: 0 Minimum: 14 Maximum: 133987 Mean: 53387.598 Standard deviation: 31462.078

Type: Continuous Decimal: 0 Width: 12 Range: 14 - 133987 Format: Numeric

SEX: Sex**Data file: RD05-01 ACDIS HIV 2003_4**

Overview

Valid: 32759 Invalid: 792
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Male	14842	45.3%
2	Female	17917	54.7%
99	Unknown	0	0%
Sysmiss		792	

DATEOFBIRTH: Date of birth

Data file: RD05-01 ACDIS HIV 2003_4

Overview

Valid: 32759 Minimum: 1798-01-01 Maximum: 2001-09-18
 Type: Discrete Width: 11 Range: - Format: character

HOUSEHOLD: Household Id

Data file: RD05-01 ACDIS HIV 2003_4

Overview

Valid: 33551 Invalid: 0 Minimum: 11 Maximum: 15351 Mean: 6818.042 Standard deviation: 4015.648
 Type: Continuous Decimal: 0 Width: 12 Range: 11 - 15351 Format: Numeric

BSINTID: Unique Internal Id of BoundedStructures

Data file: RD05-01 ACDIS HIV 2003_4

Overview

Valid: 33551 Invalid: 0 Minimum: 12 Maximum: 12759 Mean: 6002.349 Standard deviation: 3567.303
 Type: Continuous Decimal: 0 Width: 12 Range: 12 - 12759 Format: Numeric

RESIDENT: Residency status

Data file: RD05-01 ACDIS HIV 2003_4

Overview

Valid: 33551 Invalid: 0
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	31520	93.9%
2	No	2031	6.1%
90	SpecialQuery	0	0%
92	Deprecated	0	0%
93	Refused	0	0%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	0	0%
98	Don?t know	0	0%
99	Missing	0	0%

VISITDATE: Visit Date

Data file: RD05-01 ACDIS HIV 2003_4

Overview

Valid: 22138 Minimum: 2003-03-09 Maximum: 2005-10-27
 Type: Discrete Width: 11 Range: - Format: character

VISITTYPE: Visit Type

Data file: RD05-01 ACDIS HIV 2003_4

Overview

Valid: 22138 Invalid: 11413
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 999 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Avoided Visit	0	0%
2	Unsuccessful Visit	356	1.6%
3	Regular Visit	19557	88.3%
4	Special Task Visit	0	0%
5	Problem Solving	12	0.1%
6	Quality Control	0	0%

7	Spot Check	0	0%
8	Tracking	1452	6.6%
9	Verbal Autopsy	0	0%
10	Mapping Visit	0	0%
11	COUNSELLING VISIT	4	0%
12	Illness And Death	2	0%
13	Bounded Structure Verification	0	0%
30	Community Liaison Office Visit	0	0%
92	Deprecated	0	0%
93	Refused Visit	753	3.4%
94	Query	0	0%
95	Default	0	0%
96	Other	1	0%
97	Not Applicable	1	0%
99	Missing	0	0%
999	Unknown	0	0%
Sysmiss		11413	

HIVSAMPLEID: HIV Sample Id

Data file: RD05-01 ACDIS HIV 2003_4

Overview

Valid: 12624 Invalid: 0
 Type: Discrete Width: 100 Range: - Format: character

HIVREFUSED: HIV Refused

Data file: RD05-01 ACDIS HIV 2003_4

Overview

Valid: 22138 Invalid: 11413
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	9286	41.9%
2	No	12776	57.7%
90	SpecialQuery	0	0%
92	Deprecated	0	0%

93	Refused	0	0%
94	Query	0	0%
95	Default	1	0%
96	Other	0	0%
97	Not Applicable	75	0.3%
98	Don?t know	0	0%
99	Missing	0	0%
Sysmiss		11413	

HIVREFUSEDDBY: HIV Refused By

Data file: RD05-01 ACDIS HIV 2003_4

Overview

Valid: 22138 Invalid: 11413

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Self	98	0.4%
2	Partner	0	0%
3	HH head	0	0%
4	BS owner	0	0%
5	Other	0	0%
97	Not applicable	676	3.1%
99	Missing	21364	96.5%
Sysmiss		11413	

HIVSAMPLEAVAILABLE: HIV Sample Available

Data file: RD05-01 ACDIS HIV 2003_4

Overview

Valid: 22138 Invalid: 11413

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
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1	Yes	12623	57%
2	No,but there is a BMFStatusObs	9515	43%
Sysmiss		11413	

HIVRESULT: HIV Result

Data file: RD05-01 ACDIS HIV 2003_4

Overview

Valid: 21972 Invalid: 11579

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Negative	9765	44.4%
1	Positive	2798	12.7%
2	Indeterminate	44	0.2%
3	Insufficient sample volume	0	0%
4	Spurious (probably not this person)	5	0%
5	Spurious negative(HIV reverse seroconversion)	0	0%
6	Spurious positive(HIV reverse seroconversion)	1	0%
97	Not applicable	9359	42.6%
99	Missing (Sample lost)	0	0%
Sysmiss		11579	

HEIGHTREFUSED: Height Refused

Data file: RD05-01 ACDIS HIV 2003_4

Overview

Valid: 22138 Invalid: 11413

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	764	3.5%
2	No	2878	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	18496	83.5%
98	Don?t know	0	0%
99	Missing	0	0%
Sysmiss		11413	

HEIGHTCMS: Height in Cms

Data file: RD05-01 ACDIS HIV 2003_4

Overview

Valid: 22138 Invalid: 11413

Type: Discrete Decimal: 0 Width: 10 Range: 117.2 - 999 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
117.2		1	0%
124		1	0%
127		1	0%
130.4		1	0%
134.6		1	0%
136.8		1	0%
140.5		1	0%
141.4		1	0%
142.1		1	0%
142.3		1	0%
142.4		2	0%
143.1		1	0%
143.3		1	0%
143.5		1	0%
143.7		1	0%
144		1	0%
144.3		2	0%
144.5		1	0%

144.7		1	0%
145		1	0%
145.3		1	0%
145.4		1	0%
145.5		2	0%
145.6		1	0%
145.7		2	0%
145.8		1	0%
146		1	0%
146.1		2	0%
146.4		1	0%
146.5		1	0%
146.7		2	0%
146.8		1	0%
147		2	0%
147.2		2	0%
147.3		3	0%
147.4		4	0%
147.6		2	0%
147.7		1	0%
148		3	0%
148.1		1	0%
148.2		2	0%
148.3		2	0%
148.4		1	0%
148.6		3	0%
148.7		2	0%
148.8		1	0%
149		11	0%
149.1		1	0%
149.2		2	0%
149.3		4	0%
149.4		2	0%
149.5		5	0%
149.6		5	0%
149.7		1	0%
149.8		2	0%
149.9		1	0%
150		8	0%

150.1		5	0%
150.2		5	0%
150.3		7	0%
150.4		5	0%
150.5		2	0%
150.6		4	0%
150.7		2	0%
150.9		2	0%
151		8	0%
151.1		6	0%
151.2		1	0%
151.3		3	0%
151.4		7	0%
151.5		7	0%
151.6		3	0%
151.7		3	0%
151.8		4	0%
151.9		1	0%
152		18	0.1%
152.1		7	0%
152.2		8	0%
152.3		6	0%
152.4		3	0%
152.5		5	0%
152.6		9	0%
152.7		8	0%
152.8		4	0%
152.9		1	0%
153		17	0.1%
153.1		6	0%
153.2		5	0%
153.3		8	0%
153.4		7	0%
153.5		16	0.1%
153.6		7	0%
153.7		10	0%
153.8		6	0%
153.9		6	0%
154		18	0.1%

154.1		10	0%
154.2		8	0%
154.3		8	0%
154.4		14	0.1%
154.5		13	0.1%
154.6		13	0.1%
154.7		5	0%
154.8		14	0.1%
154.9		4	0%
155		14	0.1%
155.1		6	0%
155.2		8	0%
155.3		9	0%
155.4		5	0%
155.5		11	0%
155.6		14	0.1%
155.7		10	0%
155.8		7	0%
155.9		4	0%
156		22	0.1%
156.1		6	0%
156.2		15	0.1%
156.3		10	0%
156.4		11	0%
156.5		12	0.1%
156.6		12	0.1%
156.7		11	0%
156.8		4	0%
156.9		5	0%
157		20	0.1%
157.1		13	0.1%
157.2		8	0%
157.3		17	0.1%
157.4		11	0%
157.5		13	0.1%
157.6		8	0%
157.7		13	0.1%
157.8		8	0%
157.9		5	0%

158		22	0.1%
158.1		12	0.1%
158.2		12	0.1%
158.3		11	0%
158.4		8	0%
158.5		12	0.1%
158.6		16	0.1%
158.7		15	0.1%
158.8		7	0%
158.9		10	0%
159		24	0.1%
159.1		9	0%
159.2		10	0%
159.3		14	0.1%
159.4		17	0.1%
159.5		14	0.1%
159.6		12	0.1%
159.7		13	0.1%
159.8		5	0%
159.9		9	0%
160		34	0.2%
160.1		13	0.1%
160.2		13	0.1%
160.3		15	0.1%
160.4		15	0.1%
160.5		10	0%
160.6		10	0%
160.7		12	0.1%
160.8		9	0%
160.9		13	0.1%
161		27	0.1%
161.1		10	0%
161.2		14	0.1%
161.3		10	0%
161.4		17	0.1%
161.5		22	0.1%
161.6		9	0%
161.7		9	0%
161.8		12	0.1%

161.9		8	0%
162		30	0.1%
162.1		12	0.1%
162.2		9	0%
162.3		14	0.1%
162.4		15	0.1%
162.5		14	0.1%
162.6		12	0.1%
162.7		12	0.1%
162.8		9	0%
162.9		6	0%
163		25	0.1%
163.1		14	0.1%
163.2		9	0%
163.3		17	0.1%
163.4		7	0%
163.5		19	0.1%
163.6		14	0.1%
163.7		11	0%
163.8		10	0%
163.9		9	0%
164		12	0.1%
164.1		9	0%
164.2		15	0.1%
164.3		15	0.1%
164.4		11	0%
164.5		13	0.1%
164.6		6	0%
164.7		6	0%
164.8		8	0%
164.9		10	0%
165		25	0.1%
165.1		7	0%
165.2		3	0%
165.3		11	0%
165.4		13	0.1%
165.5		16	0.1%
165.6		13	0.1%
165.7		7	0%

165.8		7	0%
165.9		11	0%
166		22	0.1%
166.1		12	0.1%
166.2		11	0%
166.3		10	0%
166.4		15	0.1%
166.5		16	0.1%
166.6		7	0%
166.7		8	0%
166.8		2	0%
166.9		7	0%
167		14	0.1%
167.1		11	0%
167.2		12	0.1%
167.3		13	0.1%
167.4		7	0%
167.5		14	0.1%
167.6		7	0%
167.7		5	0%
167.8		9	0%
167.9		3	0%
168		19	0.1%
168.1		2	0%
168.2		5	0%
168.3		8	0%
168.4		6	0%
168.5		13	0.1%
168.6		10	0%
168.7		6	0%
168.8		2	0%
168.9		8	0%
169		16	0.1%
169.1		7	0%
169.2		7	0%
169.3		9	0%
169.4		7	0%
169.5		11	0%
169.6		6	0%

169.7		4	0%
169.8		9	0%
169.9		3	0%
170		17	0.1%
170.1		3	0%
170.2		3	0%
170.3		5	0%
170.4		11	0%
170.5		9	0%
170.6		4	0%
170.7		4	0%
170.8		6	0%
170.9		4	0%
171		10	0%
171.1		8	0%
171.2		12	0.1%
171.3		4	0%
171.4		6	0%
171.5		8	0%
171.6		5	0%
171.7		2	0%
171.8		8	0%
171.9		6	0%
172		16	0.1%
172.1		3	0%
172.2		6	0%
172.3		3	0%
172.4		6	0%
172.5		4	0%
172.6		6	0%
172.7		3	0%
172.8		8	0%
172.9		2	0%
173		10	0%
173.1		3	0%
173.2		2	0%
173.3		5	0%
173.4		4	0%
173.5		7	0%

173.6		8	0%
173.7		5	0%
173.8		2	0%
173.9		3	0%
174		8	0%
174.1		5	0%
174.2		4	0%
174.3		3	0%
174.35		1	0%
174.4		7	0%
174.5		9	0%
174.6		6	0%
174.7		8	0%
174.8		2	0%
174.9		2	0%
175		11	0%
175.1		1	0%
175.2		4	0%
175.3		4	0%
175.4		2	0%
175.5		2	0%
175.6		7	0%
175.7		6	0%
175.8		1	0%
176		9	0%
176.1		4	0%
176.2		7	0%
176.3		3	0%
176.4		1	0%
176.5		11	0%
176.6		3	0%
176.7		3	0%
176.8		3	0%
176.9		3	0%
177		9	0%
177.1		3	0%
177.2		4	0%
177.3		1	0%
177.4		1	0%

177.5		2	0%
177.6		5	0%
177.7		2	0%
177.8		3	0%
178		10	0%
178.1		2	0%
178.3		3	0%
178.4		1	0%
178.5		1	0%
178.6		4	0%
178.7		2	0%
178.8		2	0%
178.9		1	0%
179		9	0%
179.2		2	0%
179.3		3	0%
179.4		1	0%
179.5		5	0%
179.6		3	0%
179.7		2	0%
179.8		2	0%
179.9		1	0%
180		2	0%
180.1		1	0%
180.2		1	0%
180.4		3	0%
180.5		3	0%
180.6		1	0%
180.7		2	0%
180.9		3	0%
181.1		2	0%
181.2		2	0%
181.3		4	0%
181.4		4	0%
181.8		1	0%
182		1	0%
182.2		2	0%
182.3		2	0%
182.4		2	0%

182.5		4	0%
182.7		1	0%
182.8		1	0%
182.9		1	0%
183.1		1	0%
183.2		1	0%
183.4		1	0%
183.6		1	0%
184.3		2	0%
184.5		2	0%
185		4	0%
185.1		2	0%
185.3		1	0%
185.4		1	0%
185.6		1	0%
185.8		1	0%
185.9		1	0%
186.3		1	0%
186.6		1	0%
187		1	0%
188		1	0%
189.2		1	0%
189.3		1	0%
190.1		1	0%
990	SpecialQuery	0	0%
991	Deprecated	0	0%
992	Deprecated	0	0%
993	Refused	0	0%
994	Query	7	0%
995	Default	0	0%
996	Other	0	0%
997	Not Applicable	19260	87%
998	Don't know	0	0%
999	Missing	194	0.9%
1001	..	0	
Sysmiss		11413	

WEIGHTREFUSED: Weight Refused**Data file: RD05-01 ACDIS HIV 2003_4****Overview**

Valid: 22138 Invalid: 11413

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	756	3.4%
2	No	2886	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	18496	83.5%
98	Don?t know	0	0%
99	Missing	0	0%
Sysmiss		11413	

WEIGHTKGS: Weight in Kgs**Data file: RD05-01 ACDIS HIV 2003_4****Overview**

Valid: 22138 Invalid: 11413

Type: Discrete Decimal: 0 Width: 10 Range: 35.3 - 999 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
990	SpecialQuery
991	Deprecated
992	Deprecated
993	Refused
994	Query
995	Default

996	Other
997	Not Applicable
998	Don't know
999	Missing
1001	..

BPREFUSED: BP Refused

Data file: RD05-01 ACDIS HIV 2003_4

Overview

Valid: 22138 Invalid: 11413

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	764	3.5%
2	No	2878	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	18496	83.5%
98	Don?t know	0	0%
99	Missing	0	0%
Sysmiss		11413	

BPFIRSTSYSTOLIC: BP First Systolic

Data file: RD05-01 ACDIS HIV 2003_4

Overview

Valid: 22138 Invalid: 11413

Type: Discrete Decimal: 0 Width: 12 Range: 68 - 999 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
68		2	0%
74		1	0%
75		1	0%
79		2	0%
80		1	0%
84		1	0%
85		1	0%
86		1	0%
88		1	0%
89		4	0%
90		3	0%
91		4	0%
92		3	0%
93		5	0%
94		2	0%
95		8	0%
96		13	0.1%
97		7	0%
98		10	0%
99		18	0.1%
100		26	0.1%
101		26	0.1%
102		20	0.1%
103		25	0.1%
104		42	0.2%
105		39	0.2%
106		33	0.1%
107		31	0.1%
108		25	0.1%
109		39	0.2%
110		41	0.2%
111		61	0.3%
112		45	0.2%
113		52	0.2%
114		48	0.2%
115		51	0.2%
116		70	0.3%
117		62	0.3%

118		59	0.3%
119		63	0.3%
120		63	0.3%
121		62	0.3%
122		51	0.2%
123		75	0.3%
124		60	0.3%
125		64	0.3%
126		66	0.3%
127		65	0.3%
128		56	0.3%
129		65	0.3%
130		67	0.3%
131		53	0.2%
132		51	0.2%
133		50	0.2%
134		53	0.2%
135		50	0.2%
136		39	0.2%
137		44	0.2%
138		34	0.2%
139		36	0.2%
140		49	0.2%
141		29	0.1%
142		41	0.2%
143		25	0.1%
144		27	0.1%
145		24	0.1%
146		19	0.1%
147		23	0.1%
148		21	0.1%
149		24	0.1%
150		24	0.1%
151		20	0.1%
152		19	0.1%
153		13	0.1%
154		14	0.1%
155		18	0.1%
156		15	0.1%

157		7	0%
158		18	0.1%
159		20	0.1%
160		18	0.1%
161		14	0.1%
162		8	0%
163		9	0%
164		9	0%
165		10	0%
166		14	0.1%
167		7	0%
168		8	0%
169		4	0%
170		9	0%
171		12	0.1%
172		3	0%
173		6	0%
174		3	0%
175		4	0%
176		7	0%
177		4	0%
178		5	0%
179		6	0%
180		9	0%
181		7	0%
182		2	0%
183		5	0%
184		6	0%
185		1	0%
186		4	0%
187		1	0%
188		2	0%
189		3	0%
190		4	0%
191		2	0%
192		5	0%
193		1	0%
194		3	0%
196		2	0%

198		1	0%
199		1	0%
201		1	0%
203		1	0%
204		1	0%
208		1	0%
210		1	0%
213		1	0%
215		2	0%
216		1	0%
219		1	0%
221		3	0%
222		1	0%
224		2	0%
225		1	0%
226		1	0%
990	SpecialQuery	0	0%
991	Deprecated	0	0%
992	Deprecated	0	0%
993	Refused	0	0%
994	Query	4	0%
995	Default	0	0%
996	Other	0	0%
997	Not Applicable	19260	87%
998	Don't know	0	0%
999	Missing	137	0.6%
Sysmiss		11413	

BPFIRSTDIASTOLIC: BP First Diastolic

Data file: RD05-01 ACDIS HIV 2003_4

Overview

Valid: 22138 Invalid: 11413

Type: Discrete Decimal: 0 Width: 12 Range: 40 - 999 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-------	----------	-------	--

40		1	0%
41		2	0%
43		1	0%
46		2	0%
47		1	0%
50		3	0%
52		2	0%
54		5	0%
55		9	0%
56		8	0%
57		5	0%
58		16	0.1%
59		18	0.1%
60		12	0.1%
61		23	0.1%
62		22	0.1%
63		25	0.1%
64		44	0.2%
65		47	0.2%
66		53	0.2%
67		53	0.2%
68		69	0.3%
69		66	0.3%
70		64	0.3%
71		75	0.3%
72		80	0.4%
73		86	0.4%
74		92	0.4%
75		90	0.4%
76		100	0.5%
77		77	0.3%
78		91	0.4%
79		93	0.4%
80		106	0.5%
81		78	0.4%
82		74	0.3%
83		93	0.4%
84		80	0.4%
85		69	0.3%

86		78	0.4%
87		65	0.3%
88		62	0.3%
89		60	0.3%
90		50	0.2%
91		52	0.2%
92		52	0.2%
93		38	0.2%
94		38	0.2%
95		36	0.2%
96		32	0.1%
97		27	0.1%
98		26	0.1%
99		27	0.1%
100		32	0.1%
101		25	0.1%
102		22	0.1%
103		18	0.1%
104		32	0.1%
105		12	0.1%
106		12	0.1%
107		13	0.1%
108		9	0%
109		8	0%
110		13	0.1%
111		7	0%
112		9	0%
113		5	0%
114		3	0%
115		8	0%
116		2	0%
117		2	0%
118		7	0%
119		4	0%
121		2	0%
122		2	0%
123		2	0%
124		1	0%
125		1	0%

126		2	0%
127		2	0%
128		1	0%
129		1	0%
130		2	0%
132		1	0%
141		1	0%
144		1	0%
990	SpecialQuery	0	0%
991	Deprecated	0	0%
992	Deprecated	0	0%
993	Refused	0	0%
994	Query	1	0%
995	Default	0	0%
996	Other	0	0%
997	Not Applicable	19260	87%
998	Don't know	0	0%
999	Missing	137	0.6%
Sysmiss		11413	

BPSECONDSYSTOLIC: BP Second Systolic

Data file: RD05-01 ACDIS HIV 2003_4

Overview

Valid: 22138 Invalid: 11413

Type: Discrete Decimal: 0 Width: 12 Range: 79 - 999 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
79		1	0%
81		2	0%
82		1	0%
84		2	0%
88		5	0%
89		3	0%
90		2	0%
91		5	0%

92		3	0%
93		5	0%
94		8	0%
95		12	0.1%
96		17	0.1%
97		14	0.1%
98		24	0.1%
99		24	0.1%
100		31	0.1%
101		19	0.1%
102		35	0.2%
103		41	0.2%
104		38	0.2%
105		34	0.2%
106		46	0.2%
107		45	0.2%
108		64	0.3%
109		45	0.2%
110		60	0.3%
111		64	0.3%
112		67	0.3%
113		67	0.3%
114		60	0.3%
115		71	0.3%
116		71	0.3%
117		71	0.3%
118		55	0.2%
119		71	0.3%
120		72	0.3%
121		59	0.3%
122		57	0.3%
123		73	0.3%
124		67	0.3%
125		57	0.3%
126		57	0.3%
127		58	0.3%
128		48	0.2%
129		62	0.3%
130		53	0.2%

131		48	0.2%
132		46	0.2%
133		41	0.2%
134		51	0.2%
135		28	0.1%
136		41	0.2%
137		33	0.1%
138		37	0.2%
139		30	0.1%
140		37	0.2%
141		31	0.1%
142		26	0.1%
143		23	0.1%
144		19	0.1%
145		15	0.1%
146		11	0%
147		20	0.1%
148		15	0.1%
149		14	0.1%
150		23	0.1%
151		13	0.1%
152		19	0.1%
153		17	0.1%
154		18	0.1%
155		6	0%
156		12	0.1%
157		16	0.1%
158		8	0%
159		11	0%
160		11	0%
161		6	0%
162		5	0%
163		16	0.1%
164		7	0%
165		12	0.1%
166		7	0%
167		6	0%
168		6	0%
169		9	0%

170		5	0%
171		5	0%
172		4	0%
173		4	0%
174		3	0%
175		6	0%
176		3	0%
177		4	0%
178		2	0%
179		3	0%
180		1	0%
181		3	0%
183		8	0%
184		1	0%
186		2	0%
188		4	0%
189		2	0%
190		1	0%
191		1	0%
193		3	0%
194		2	0%
195		1	0%
196		1	0%
197		2	0%
198		1	0%
199		2	0%
200		1	0%
202		3	0%
204		1	0%
205		2	0%
206		1	0%
207		2	0%
211		1	0%
213		1	0%
214		2	0%
222		1	0%
223		1	0%
990	SpecialQuery	0	0%
991	Deprecated	0	0%

992	Deprecated	0	0%
993	Refused	0	0%
994	Query	4	0%
995	Default	0	0%
996	Other	0	0%
997	Not Applicable	19260	87%
998	Don't know	0	0%
999	Missing	144	0.7%
Sysmiss		11413	

BPSECONDDIASTOLIC: BP Second Diastolic

Data file: RD05-01 ACDIS HIV 2003_4

Overview

Valid: 22138 Invalid: 11413

Type: Discrete Decimal: 0 Width: 12 Range: 35 - 999 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
35		1	0%
42		1	0%
45		1	0%
48		1	0%
51		3	0%
52		5	0%
53		4	0%
54		6	0%
55		4	0%
56		12	0.1%
57		16	0.1%
58		17	0.1%
59		21	0.1%
60		30	0.1%
61		23	0.1%
62		32	0.1%
63		47	0.2%
64		38	0.2%

65		48	0.2%
66		65	0.3%
67		73	0.3%
68		74	0.3%
69		64	0.3%
70		78	0.4%
71		92	0.4%
72		93	0.4%
73		86	0.4%
74		83	0.4%
75		96	0.4%
76		99	0.4%
77		89	0.4%
78		103	0.5%
79		78	0.4%
80		76	0.3%
81		87	0.4%
82		95	0.4%
83		65	0.3%
84		68	0.3%
85		69	0.3%
86		63	0.3%
87		47	0.2%
88		52	0.2%
89		56	0.3%
90		50	0.2%
91		55	0.2%
92		48	0.2%
93		33	0.1%
94		34	0.2%
95		34	0.2%
96		14	0.1%
97		26	0.1%
98		39	0.2%
99		24	0.1%
100		22	0.1%
101		21	0.1%
102		23	0.1%
103		16	0.1%

104		17	0.1%
105		15	0.1%
106		12	0.1%
107		7	0%
108		7	0%
109		14	0.1%
110		7	0%
111		7	0%
112		8	0%
113		5	0%
114		4	0%
115		5	0%
116		2	0%
117		4	0%
119		2	0%
120		3	0%
121		1	0%
122		2	0%
125		2	0%
126		2	0%
127		1	0%
129		1	0%
130		1	0%
133		2	0%
137		1	0%
177		1	0%
990	SpecialQuery	0	0%
991	Deprecated	0	0%
992	Deprecated	0	0%
993	Refused	0	0%
994	Query	1	0%
995	Default	0	0%
996	Other	0	0%
997	Not Applicable	19260	87%
998	Don't know	0	0%
999	Missing	144	0.7%
Sysmiss		11413	

BPTHIRDSYSTOLIC: BP Third Systolic**Data file: RD05-01 ACDIS HIV 2003_4****Overview**

Valid: 22138 Invalid: 11413

Type: Discrete Decimal: 0 Width: 12 Range: 67 - 999 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
67		1	0%
75		1	0%
77		1	0%
79		1	0%
82		2	0%
83		1	0%
84		1	0%
85		1	0%
87		4	0%
88		3	0%
89		1	0%
90		9	0%
91		11	0%
92		4	0%
93		10	0%
94		8	0%
95		18	0.1%
96		25	0.1%
97		18	0.1%
98		24	0.1%
99		15	0.1%
100		31	0.1%
101		38	0.2%
102		26	0.1%
103		42	0.2%
104		53	0.2%
105		40	0.2%
106		48	0.2%
107		52	0.2%
108		56	0.3%

109		49	0.2%
110		71	0.3%
111		68	0.3%
112		55	0.2%
113		72	0.3%
114		66	0.3%
115		66	0.3%
116		76	0.3%
117		66	0.3%
118		62	0.3%
119		77	0.3%
120		54	0.2%
121		62	0.3%
122		65	0.3%
123		69	0.3%
124		64	0.3%
125		42	0.2%
126		56	0.3%
127		48	0.2%
128		65	0.3%
129		47	0.2%
130		54	0.2%
131		44	0.2%
132		43	0.2%
133		44	0.2%
134		40	0.2%
135		24	0.1%
136		40	0.2%
137		29	0.1%
138		34	0.2%
139		29	0.1%
140		33	0.1%
141		29	0.1%
142		17	0.1%
143		25	0.1%
144		18	0.1%
145		14	0.1%
146		24	0.1%
147		28	0.1%

148		19	0.1%
149		20	0.1%
150		11	0%
151		16	0.1%
152		19	0.1%
153		13	0.1%
154		11	0%
155		12	0.1%
156		10	0%
157		6	0%
158		12	0.1%
159		10	0%
160		7	0%
161		13	0.1%
162		8	0%
163		7	0%
164		5	0%
165		8	0%
166		5	0%
167		1	0%
168		5	0%
169		1	0%
170		10	0%
171		5	0%
172		7	0%
173		4	0%
174		4	0%
175		1	0%
176		1	0%
177		5	0%
178		4	0%
179		2	0%
180		3	0%
181		3	0%
183		1	0%
184		1	0%
185		2	0%
186		2	0%
187		5	0%

188		4	0%
190		2	0%
193		2	0%
194		1	0%
195		1	0%
197		2	0%
199		2	0%
200		1	0%
201		2	0%
206		1	0%
207		2	0%
208		2	0%
209		1	0%
210		1	0%
211		1	0%
213		1	0%
214		2	0%
219		1	0%
221		1	0%
990	SpecialQuery	0	0%
991	Deprecated	0	0%
992	Deprecated	0	0%
993	Refused	0	0%
994	Query	5	0%
995	Default	0	0%
996	Other	0	0%
997	Not Applicable	19260	87%
998	Don't know	0	0%
999	Missing	150	0.7%
Sysmiss		11413	

BP THIRD DIASTOLIC: BP Third Diastolic

Data file: RD05-01 ACDIS HIV 2003_4

Overview

Valid: 22138 Invalid: 11413

Type: Discrete Decimal: 0 Width: 12 Range: 32 - 999 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
32		1	0%
42		1	0%
43		1	0%
45		1	0%
47		2	0%
48		1	0%
49		1	0%
50		1	0%
51		4	0%
52		5	0%
53		5	0%
54		6	0%
55		10	0%
56		9	0%
57		17	0.1%
58		25	0.1%
59		22	0.1%
60		28	0.1%
61		32	0.1%
62		40	0.2%
63		42	0.2%
64		46	0.2%
65		51	0.2%
66		50	0.2%
67		70	0.3%
68		78	0.4%
69		71	0.3%
70		84	0.4%
71		92	0.4%
72		86	0.4%
73		92	0.4%
74		87	0.4%
75		85	0.4%
76		114	0.5%
77		95	0.4%

78		90	0.4%
79		67	0.3%
80		91	0.4%
81		69	0.3%
82		84	0.4%
83		77	0.3%
84		61	0.3%
85		60	0.3%
86		78	0.4%
87		59	0.3%
88		57	0.3%
89		58	0.3%
90		45	0.2%
91		54	0.2%
92		41	0.2%
93		32	0.1%
94		30	0.1%
95		37	0.2%
96		27	0.1%
97		30	0.1%
98		20	0.1%
99		19	0.1%
100		16	0.1%
101		28	0.1%
102		17	0.1%
103		12	0.1%
104		14	0.1%
105		9	0%
106		14	0.1%
107		8	0%
108		10	0%
109		12	0.1%
110		4	0%
111		8	0%
112		2	0%
113		2	0%
114		4	0%
115		1	0%
116		1	0%

117		3	0%
119		5	0%
121		1	0%
123		1	0%
124		3	0%
125		3	0%
126		1	0%
129		1	0%
130		1	0%
131		1	0%
135		1	0%
138		1	0%
990	SpecialQuery	0	0%
991	Deprecated	0	0%
992	Deprecated	0	0%
993	Refused	0	0%
994	Query	3	0%
995	Default	0	0%
996	Other	0	0%
997	Not Applicable	19260	87%
998	Don't know	0	0%
999	Missing	150	0.7%
Sysmiss		11413	

Download related resources

Technical documents

DDI:HIV.2003-4

Title	DDI:HIV.2003-4
Author(s)	Sweetness H Dube
Date	24/08/2023
Country	South Africa
Language	English
Publisher(s)	Sweetness H Dube
Filename	AHRI.RD05-01.HDSS.HIV.2003-4.pdf
