

South Africa - AHRI.Surveillance Episodes Year Age Coresidency

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Visit our data catalog at: <https://data.ahri.org/index.php>

Identification

SURVEY ID NUMBER

AHRI.SurveillanceEpisodesYrAge.Coresidency

TITLE

AHRI.Surveillance Episodes Year Age Coresidency

COUNTRY

Name	Country code
South Africa	ZA

ABSTRACT

Africa Health Research Institute (AHRI) is a multidisciplinary, independent research institute. AHRI's goal is to become a source of fundamental discoveries into the susceptibility, transmission and cure of HIV, TB and related diseases. We also seek ways to improve diagnosis, prevention and treatment. To achieve this, we bring together leading researchers from different fields, use cutting edge science to improve people's health, and help to train the next generation of African scientists.

AHRI has conducted individual and household demographic surveillance since 2000. Demographic surveillance data are processed for longitudinal analyses by organizing the demographic surveillance data into individual and household residency episodes at a geographical physical location, and individual membership episodes within a household. Start events of residency and memberships include enumeration, birth, in-migration and relocating into a household from within the study population. Exit events of residency and memberships include death (by cause), out-migration and relocating to another location in the study population. AHRI annually produces a suite of Individual Demographic surveillance datasets which contains detailed records of all individuals under surveillance since January 2000. The datasets detail individual residency and membership patterns, household mortality (including cause of death), fertility, migration, HIV status, health care utilization, and household socio-economic profile.

Each record in the dataset represents a period of observation for an individual during which all the recorded characteristics of the individual stay constant. For example, on the birthday of the individual a new episode will start, because the age of the individual has changed. An out-migration will result in a new episode, because the location or residential status has changed. Any change in one of the status values, such as education, marital status, social-economic status and HIV will likewise result in a new episode on the date of the change.

The following are the versions of the Demographic surveillance datasets:

CoresidencyEpisodes
 EducationCleaned
 EducationStatuses
 HIVStatusEpisodes
 HouseholdAssets
 HouseholdMap
 HouseholdObservations
 HouseholdSocioEconomicStatus
 HouseholdStatusEpisodes
 IndividualHSEEpisodes
 IndividualMap
 LabourEpisodes
 LabourStatuses
 LocationMap
 MaritalStatuses
 PartnerEpisodes
 SurveillanceEpisodesBasic
 SurveillanceEpisodesYrAge
 SurveillanceEpisodes YrAge_Coresidency
 SurveillanceEpisodesYrAge_HIV
 SurveillanceEpisodes VrAge_HSE
 SurveillanceEpisodes YrAge_Labour

SurveillanceEpisodesYrAge_Partners
 SurveillanceEpisodesYrAgeDel
 SurveillanceEpisodes VrAgeDel_HSE
 SurveillanceEpisodesYrAgeDeL_HSE_Labour
 SurveillanceEpisodesYrAgeDeL_HSE_Labour_Partner_Parents
 SurveillanceEpisodes VrAgeDel_HSE_Labour_Partner_Parents_HIV
 SurveillanceEpisodesYrAgeDeL_HSE_Labour_Partners

KIND OF DATA

Event History Data

UNIT OF ANALYSIS

Episodes of exposure

Version

VERSION DESCRIPTION

v2.0.0

Scope

TOPICS

Topic	Vocabulary	URI
Surveillance Episodes Year Age_Coresidency	Africa Health Research Institute	www.ahri.org

KEYWORDS

Keyword	Vocabulary	URI
Fertility, Mortality, Migration, Social-economic status, HIV, ART	Africa Health Research Institute	www.ahri.org

Coverage

GEOGRAPHIC COVERAGE

AHRI is situated in the south-east portion of the uMkhanyakude district of KwaZulu-Natal province near the town of Mtubatuba. It is bounded on the west by the Umfolozi-Hluhluwe nature reserve, on the south by the Umfolozi river, on the east by the N2 highway (except form portions where the KwaMsane township strangles the highway) and in the north by the provincial road R22. The surveillance area is approximately 850km² in size.

UNIVERSE

Households resident in dwellings within the study area are eligible for inclusion in the household component of AHRI Demographic Surveillance. All individuals identified by the household proxy informant as members of the households are enumerated. A resident household member is an individual that intends to sleep majority of time at the dwelling occupied by the household over a four-month period. Households include resident and non-resident members. An individual is a non-resident member if they have close ties to the household, but do not physically reside with the household at the dwelling most of the time. Non-resident members can also be called temporary migrants and they are enumerated within the household list. Because household membership is not tied to physical residency, an individual may be a member of more than one household.

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
Dr Kobus Herbst	AHRI, SAPRIN

Dr Guy Harling	AHRI
Dr Mark Siedner	AHRI
Prof Willem Hanekom	AHRI

PRODUCERS

Name	Abbreviation
Africa Health Research Institute	AHRI

FUNDING AGENCY/SPONSOR

Name	Abbreviation	Role
Wellcome Trust	WT	Core funding
SAPRIN	SAPRIN	

OTHER IDENTIFICATIONS/ACKNOWLEDGMENTS

Name	Affiliation	Role
AHRI Research Data Management Team	AHRI	Research Data Management
AHRI Data Collection Team	AHRI	Data Collection
AHRI Community Engagement Team	AHRI	Community Engagement

Sampling

SAMPLING PROCEDURE

This dataset is not based on a sample but contains information from the complete demographic surveillance areas.

Data collection

DATES OF DATA COLLECTION

Start	End
2000-01-01	2024-12-31

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.

<https://github.com/SAPRIN-MRC/SaprinEpisodes.jl.git>

CITATION REQUIREMENTS

Herbst, K., Harling, G., Siedner, M., & Hanekom, W. (2026). AHRI.Surveillance Episodes Year Age Coresidency [Data set]. Africa Health Research Institute.

DOI:<https://doi.org/10.23664/AHRI.SURVEILLANCEEPISODESYRAGE.CORESIDENCY>

Metadata production

DDI DOCUMENT ID

DDI.AHRI.SurveillanceEpisodesYrAge.Coresidency

PRODUCERS

Name	Abbreviation
Africa Health Research Institute	AHRI

Data Dictionary

Data file	Cases	Variables
SurveillanceEpisodesYrAge_Coresidency	6234957	45

Data file: SurveillanceEpisodesYrAge_Coresidency

Cases: 6234957

Variables: 45

Variables

ID	Name	Label	Question
V91	IndividualId	Unique individual identifier	
V92	Sex	Sex of individual	
V93	DoB	Date of birth	
V94	DoD	Date of death	
V95	MotherId	Mother's IndividualId	
V96	FatherId	Father's IndividualId	
V97	LocationId	Where individual was resident, household residence if non-resident	
V98	HouseholdId	Unique household identifier of the household the individual is a member of	
V99	HHRelationshipTypeId	Relationship to head of household	
V100	Resident	Whether individual is resident for duration of episode	
V101	Episode	This episode number (first=1, last=Episodes)	
V102	Episodes	Total number of episodes for individual	
V103	StartDate	Start date of episode (inclusive)	
V104	EndDate	End date of episode (inclusive)	
V105	Days	Duration in days of episode	
V106	CalendarYear	Calendar year during episode	
V107	Age	Age in completed years during episode	
V108	AgeGroup	Age group during episode	
V109	Born	Episode starts with the birth of the individual	
V110	Enumeration	Episode starts with an enumeration	
V111	InMigration	Episode starts with an in-migration	
V112	LocationEntry	Episode starts with an internal migration	
V113	ExtResStart	Flag to indicate start of external residence	
V114	Participation	Resumed participation after refusal	
V115	Died	Episode ends with the death of the individual	
V116	OutMigration	Episode ends with the out-migration	
V117	LocationExit	Episode ends with an internal migration	
V118	ExtResEnd	Flag to indicate end of external residence	
V119	Refusal	Individual refused follow-up	
V120	LostToFollowUp	Individual was lost to follow-up at the end of the episode	
V121	Current	Individual still under surveillance	
V122	HHRelationship	Relationship to head of household changed during this episode	
V123	MembershipStart	Flag to indicate start of household membership	
V124	MembershipEnd	Flag to indicate end of household membership	
V125	GapStart	Start of a gap in individual exposure record	
V126	GapEnd	End of gap in individual exposure record	
V127	AgeChange	Flag age changed	
V128	YrChange	Flag calendar year changed	

ID	Name	Label	Question
V129	Memberships	Number of concurrent household memberships	
V130	EducationStatus	Education level achieved during this calendar year	
V131	MotherDead	Mother is dead	
V132	MotherCoresident	Mother is co-resident	
V133	FatherDead	Father is dead	
V134	FatherCoresident	Father is co-resident	
V135	ParentalStatusChange	Change in parental status	

Total: 45

RESIDENT: Whether individual is resident for duration of episode**Data file: SurveillanceEpisodesYrAge_Coresidency****Overview**

Valid: 6234957 Invalid: 0
 Type: Discrete Decimal: 0 Width: 15 Range: -1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-1	Unknown/Missing	0	0%
0	No	1787224	28.7%
1	Yes	4447733	71.3%

INDIVIDUALID: Unique individual identifier**Data file: SurveillanceEpisodesYrAge_Coresidency****Overview**

Valid: 6234957 Invalid: 0 Minimum: 1 Maximum: 263153 Mean: 117323.627 Standard deviation: 77591.694
 Type: Continuous Decimal: 0 Width: 9 Range: 1 - 263153 Format: Numeric

SEX: Sex of individual**Data file: SurveillanceEpisodesYrAge_Coresidency****Overview**

Valid: 6234957 Invalid: 0
 Type: Discrete Decimal: 0 Width: 9 Range: 0 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		59	0%
1	Male	2955054	47.4%
2	Female	3279844	52.6%
3	Unknown	0	0%

DOB: Date of birth**Data file: SurveillanceEpisodesYrAge_Coresidency**

Overview

Valid: 6234940 Minimum: 1793-01-01 Maximum: 2024-12-31
 Type: Discrete Width: 11 Range: - Format: character

DOD: Date of death

Data file: SurveillanceEpisodesYrAge_Coresidency

Overview

Valid: 511733 Minimum: 2000-01-01 Maximum: 2025-10-03
 Type: Discrete Width: 11 Range: - Format: character

MOTHERID: Mother's IndividualId

Data file: SurveillanceEpisodesYrAge_Coresidency

Overview

Valid: 4383709 Invalid: 1851248 Minimum: 8 Maximum: 263150 Mean: 154798.167 Standard deviation: 66868.327
 Type: Continuous Decimal: 0 Width: 9 Range: 8 - 263150 Format: Numeric

FATHERID: Father's IndividualId

Data file: SurveillanceEpisodesYrAge_Coresidency

Overview

Valid: 2299078 Invalid: 3935879 Minimum: 49 Maximum: 263146 Mean: 164148.964 Standard deviation: 59796.413
 Type: Continuous Decimal: 0 Width: 9 Range: 49 - 263146 Format: Numeric

LOCATIONID: Where individual was resident, household residence if non-resident

Data file: SurveillanceEpisodesYrAge_Coresidency

Overview

Valid: 6234957 Invalid: 0 Minimum: 0 Maximum: 37292 Mean: 18484.325 Standard deviation: 10754.421
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 37292 Format: Numeric

HOUSEHOLDID: Unique household identifier of the household the individual is a member of

Data file: SurveillanceEpisodesYrAge_Coresidency

Overview

Valid: 6234957 Invalid: 0 Minimum: 1 Maximum: 41014 Mean: 20450.464 Standard deviation: 11782.474
 Type: Continuous Decimal: 0 Width: 9 Range: 1 - 41014 Format: Numeric

HHRELATIONSHIPTYPEID: Relationship to head of household**Data file: SurveillanceEpisodesYrAge_Coresidency****Overview**

Valid: 6234957 Invalid: 0
 Type: Discrete Decimal: 0 Width: 22 Range: 1 - 12 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Head	784037	12.6%
2	Spouse	303467	4.9%
3	Child	2097566	33.6%
4	Son/Daughter-inlaw	26769	0.4%
5	Grandchild	1441906	23.1%
6	Parent	43228	0.7%
7	Parent-inlaw	1584	0%
8	Grandparent	7868	0.1%
9	Sibling	1040701	16.7%
10	Other relative	13094	0.2%
11	Domestic worker/tenant	330683	5.3%
12	Unrelated/Other	144054	2.3%

EPISODE: This episode number (first=1, last=Episodes)**Data file: SurveillanceEpisodesYrAge_Coresidency****Overview**

Valid: 6234957 Invalid: 0 Minimum: 1 Maximum: 73 Mean: 18.678 Standard deviation: 14.347
 Type: Continuous Decimal: 0 Width: 9 Range: 1 - 73 Format: Numeric

EPISODES: Total number of episodes for individual**Data file: SurveillanceEpisodesYrAge_Coresidency****Overview**

Valid: 6234957 Invalid: 0 Minimum: 1 Maximum: 73 Mean: 36.357 Standard deviation: 16.951
 Type: Continuous Decimal: 0 Width: 9 Range: 1 - 73 Format: Numeric

STARTDATE: Start date of episode (inclusive)**Data file: SurveillanceEpisodesYrAge_Coresidency**

Overview

Valid: 6234957 Minimum: 2000-01-01 Maximum: 2024-12-31
 Type: Discrete Width: 11 Range: - Format: character

ENDDATE: End date of episode (inclusive)

Data file: SurveillanceEpisodesYrAge_Coresidency

Overview

Valid: 6234957 Minimum: 2000-01-01 Maximum: 2024-12-31
 Type: Discrete Width: 11 Range: - Format: character

DAYS: Duration in days of episode

Data file: SurveillanceEpisodesYrAge_Coresidency

Overview

Valid: 6234957 Invalid: 0 Minimum: 1 Maximum: 366 Mean: 166.124 Standard deviation: 105.86
 Type: Continuous Decimal: 0 Width: 9 Range: 1 - 366 Format: Numeric

CALENDARYEAR: Calendar year during episode

Data file: SurveillanceEpisodesYrAge_Coresidency

Overview

Valid: 6234957 Invalid: 0 Minimum: 2000 Maximum: 2024 Mean: 2013.455 Standard deviation: 7.306
 Type: Continuous Decimal: 0 Width: 9 Range: 2000 - 2024 Format: Numeric

AGE: Age in completed years during episode

Data file: SurveillanceEpisodesYrAge_Coresidency

Overview

Valid: 6234957 Invalid: 0 Minimum: 0 Maximum: 1499 Mean: 24.738 Standard deviation: 18.448
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 1499 Format: Numeric

AGEGROUP: Age group during episode

Data file: SurveillanceEpisodesYrAge_Coresidency

Overview

Valid: 6234957 Invalid: 0
 Type: Discrete Decimal: 0 Width: 9 Range: 0 - 18 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	<1	122054	2%
1	01-04	555057	8.9%
2	05-09	731042	11.7%
3	10-14	727877	11.7%
4	15-19	721849	11.6%
5	20-24	697613	11.2%
6	25-29	615905	9.9%
7	30-34	497336	8%
8	35-39	382668	6.1%
9	40-44	284856	4.6%
10	45-49	220576	3.5%
11	50-54	175562	2.8%
12	55-59	142958	2.3%
13	60-64	115450	1.9%
14	65-69	84686	1.4%
15	70-74	62138	1%
16	75-79	42241	0.7%
17	80-84	28111	0.5%
18	85+	26978	0.4%

BORN: Episode starts with the birth of the individual

Data file: SurveillanceEpisodesYrAge_Coresidency

Overview

Valid: 6234957 Invalid: 0
 Type: Discrete Decimal: 0 Width: 15 Range: -1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-1	Unknown/Missing	0	0%
0	No	6185501	99.2%
1	Yes	49456	0.8%

ENUMERATION: Episode starts with an enumeration

Data file: SurveillanceEpisodesYrAge_Coresidency

Overview

Valid: 6234957 Invalid: 0
 Type: Discrete Decimal: 0 Width: 15 Range: -1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-1	Unknown/Missing	0	0%
0	No	6096170	97.8%
1	Yes	138787	2.2%

INMIGRATION: Episode starts with an in-migration

Data file: SurveillanceEpisodesYrAge_Coresidency

Overview

Valid: 6234957 Invalid: 0
 Type: Discrete Decimal: 0 Width: 15 Range: -1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-1	Unknown/Missing	0	0%
0	No	6077271	97.5%
1	Yes	157686	2.5%

LOCATIONENTRY: Episode starts with an internal migration

Data file: SurveillanceEpisodesYrAge_Coresidency

Overview

Valid: 6234957 Invalid: 0
 Type: Discrete Decimal: 0 Width: 15 Range: -1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-1	Unknown/Missing	0	0%
0	No	6182043	99.2%
1	Yes	52914	0.8%

EXTRESSTART: Flag to indicate start of external residence**Data file: SurveillanceEpisodesYrAge_Coresidency****Overview**

Valid: 6234957 Invalid: 0
 Type: Discrete Decimal: 0 Width: 15 Range: -1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-1	Unknown/Missing	0	0%
0	No	6058873	97.2%
1	Yes	176084	2.8%

PARTICIPATION: Resumed participation after refusal**Data file: SurveillanceEpisodesYrAge_Coresidency****Overview**

Valid: 6234957 Invalid: 0
 Type: Discrete Decimal: 0 Width: 15 Range: -1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-1	Unknown/Missing	0	0%
0	No	6234957	100%
1	Yes	0	0%

DIED: Episode ends with the death of the individual**Data file: SurveillanceEpisodesYrAge_Coresidency****Overview**

Valid: 6234957 Invalid: 0
 Type: Discrete Decimal: 0 Width: 15 Range: -1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-1	Unknown/Missing	0	0%
0	No	6207253	99.6%
1	Yes	27704	0.4%

OUTMIGRATION: Episode ends with the out-migration

Data file: SurveillanceEpisodesYrAge_Coresidency

Overview

Valid: 6234957 Invalid: 0
 Type: Discrete Decimal: 0 Width: 15 Range: -1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-1	Unknown/Missing	0	0%
0	No	6011135	96.4%
1	Yes	223822	3.6%

LOCATIONEXIT: Episode ends with an internal migration

Data file: SurveillanceEpisodesYrAge_Coresidency

Overview

Valid: 6234957 Invalid: 0
 Type: Discrete Decimal: 0 Width: 15 Range: -1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-1	Unknown/Missing	0	0%
0	No	6182043	99.2%
1	Yes	52914	0.8%

EXTRESEND: Flag to indicate end of external residence

Data file: SurveillanceEpisodesYrAge_Coresidency

Overview

Valid: 6234957 Invalid: 0

Type: Discrete Decimal: 0 Width: 15 Range: -1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-1	Unknown/Missing	0	0%
0	No	6141656	98.5%
1	Yes	93301	1.5%

REFUSAL: Individual refused follow-up**Data file: SurveillanceEpisodesYrAge_Coresidency****Overview**Valid: 6234957 Invalid: 0
Type: Discrete Decimal: 0 Width: 15 Range: -1 - 1 Format: Numeric**Questions and instructions**

CATEGORIES

Value	Category	Cases	
-1	Unknown/Missing	0	0%
0	No	6232241	100%
1	Yes	2716	0%

LOSTTOFOLLOWUP: Individual was lost to follow-up at the end of the episode**Data file: SurveillanceEpisodesYrAge_Coresidency****Overview**Valid: 6234957 Invalid: 0
Type: Discrete Decimal: 0 Width: 15 Range: 0 - 1 Format: Numeric**CURRENT: Individual still under surveillance****Data file: SurveillanceEpisodesYrAge_Coresidency****Overview**Valid: 6234957 Invalid: 0
Type: Discrete Decimal: 0 Width: 15 Range: -1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-1	Unknown/Missing	0	0%
0	No	6075753	97.4%
1	Yes	159204	2.6%

HHRELATIONSHIP: Relationship to head of household changed during this episode

Data file: SurveillanceEpisodesYrAge_Coresidency

Overview

Valid: 6234957 Invalid: 0
 Type: Discrete Decimal: 0 Width: 15 Range: -1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-1	Unknown/Missing	0	0%
0	No	6165161	98.9%
1	Yes	69796	1.1%

MEMBERSHIPSTART: Flag to indicate start of household membership

Data file: SurveillanceEpisodesYrAge_Coresidency

Overview

Valid: 6234957 Invalid: 0
 Type: Discrete Decimal: 0 Width: 15 Range: -1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-1	Unknown/Missing	0	0%
0	No	5889718	94.5%
1	Yes	345239	5.5%

MEMBERSHIPEND: Flag to indicate end of household membership**Data file: SurveillanceEpisodesYrAge_Coresidency****Overview**

Valid: 6234957 Invalid: 0
 Type: Discrete Decimal: 0 Width: 15 Range: -1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-1	Unknown/Missing	0	0%
0	No	5889718	94.5%
1	Yes	345239	5.5%

GAPSTART: Start of a gap in individual exposure record**Data file: SurveillanceEpisodesYrAge_Coresidency****Overview**

Valid: 6234957 Invalid: 0
 Type: Discrete Decimal: 0 Width: 15 Range: -1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-1	Unknown/Missing	0	0%
0	No	6220125	99.8%
1	Yes	14832	0.2%

GAPEND: End of gap in individual exposure record**Data file: SurveillanceEpisodesYrAge_Coresidency****Overview**

Valid: 6234957 Invalid: 0
 Type: Discrete Decimal: 0 Width: 15 Range: -1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-1	Unknown/Missing	0	0%

0	No	6220125	99.8%
1	Yes	14832	0.2%

AGECHANGE: Flag age changed

Data file: SurveillanceEpisodesYrAge_Coresidency

Overview

Valid: 6234957 Invalid: 0
 Type: Discrete Decimal: 0 Width: 15 Range: -1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-1	Unknown/Missing	0	0%
0	No	3415035	54.8%
1	Yes	2819922	45.2%

YRCHANGE: Flag calendar year changed

Data file: SurveillanceEpisodesYrAge_Coresidency

Overview

Valid: 6234957 Invalid: 0
 Type: Discrete Decimal: 0 Width: 15 Range: -1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-1	Unknown/Missing	0	0%
0	No	3541184	56.8%
1	Yes	2693773	43.2%

MEMBERSHIPS: Number of concurrent household memberships

Data file: SurveillanceEpisodesYrAge_Coresidency

Overview

Valid: 6234957 Invalid: 0 Minimum: 1 Maximum: 28 Mean: 1.07 Standard deviation: 0.273
 Type: Continuous Decimal: 0 Width: 9 Range: 1 - 28 Format: Numeric

EDUCATIONSTATUS: Education level achieved during this calendar year**Data file: SurveillanceEpisodesYrAge_Coresidency****Overview**

Valid: 4570696 Invalid: 1664261

Type: Discrete Decimal: 0 Width: 18 Range: -1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-1	Unknown	76725	1.7%
0	Grade 0	70207	1.5%
1	Grade 1	144873	3.2%
2	Grade 2	187306	4.1%
3	Grade 3	188089	4.1%
4	Grade 4	238191	5.2%
5	Grade 5	178280	3.9%
6	Grade 6	192193	4.2%
7	Grade 7	252758	5.5%
8	Grade 8	249631	5.5%
9	Grade 9	237799	5.2%
10	Grade 10	375622	8.2%
11	Grade 11	385322	8.4%
12	Grade 12	1454762	31.8%
13	Special School	0	0%
21	Higher Certificate	0	0%
22	National Diploma	0	0%
23	Degree	0	0%
24	Honours	0	0%
25	Masters	0	0%
26	Doctors	0	0%
31	ABET 1	0	0%
32	ABET 2	0	0%
33	ABET 3	0	0%
34	ABET 4	0	0%
41	FET 1	0	0%
42	FET 2	0	0%
43	FET 3	0	0%
50	LT 1 year	0	0%
51	Creche	0	0%

96	Refused	0	0%
97	NAD	0	0%
98	No education	338938	7.4%
99	Not attending	0	0%
Sysmiss		1664261	

MOTHERDEAD: Mother is dead

Data file: SurveillanceEpisodesYrAge_Coresidency

Overview

Valid: 6234957 Invalid: 0
 Type: Discrete Decimal: 0 Width: 9 Range: -1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-1	Unknown	1049647	16.8%
0	No	3696148	59.3%
1	Yes	1489162	23.9%

MOTHERCORESIDENT: Mother is co-resident

Data file: SurveillanceEpisodesYrAge_Coresidency

Overview

Valid: 6234957 Invalid: 0
 Type: Discrete Decimal: 0 Width: 19 Range: -1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-1	Unknown	1062187	17%
0	No	1769495	28.4%
1	Non-resident member	622492	10%
2	Resident member	2780783	44.6%

FATHERDEAD: Father is dead

Data file: SurveillanceEpisodesYrAge_Coresidency

Overview

Valid: 6234957 Invalid: 0
 Type: Discrete Decimal: 0 Width: 9 Range: -1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-1	Unknown	1857975	29.8%
0	No	1703465	27.3%
1	Yes	2673517	42.9%

FATHERCORESIDENT: Father is co-resident

Data file: SurveillanceEpisodesYrAge_Coresidency

Overview

Valid: 6234957 Invalid: 0
 Type: Discrete Decimal: 0 Width: 19 Range: -1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-1	Unknown	1897418	30.4%
0	No	2881866	46.2%
1	Non-resident member	533584	8.6%
2	Resident member	922089	14.8%

PARENTALSTATUSCHANGE: Change in parental status

Data file: SurveillanceEpisodesYrAge_Coresidency

Overview

Valid: 6234957 Invalid: 0
 Type: Discrete Decimal: 0 Width: 15 Range: -1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-1	Unknown/Missing	0	0%
0	No	5704284	91.5%

1	Yes	530673	8.5%
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Download related resources

Technical documents

DDI:Surveillance Episodes Year Age Coresidency

Title	DDI:Surveillance Episodes Year Age Coresidency
Author(s)	Nompumelelo Mkwanazi
Date	2026-02-19
Country	South Africa
Language	English
Publisher(s)	Nompumelelo Mkwanazi
Filename	Surveillance Episodes Year Age Coresidency.pdf
