

# South Africa - AHRI.Surveillance Episodes YrAge Partners

**Nompumelelo Mkwazi**

Report generated on: February 20, 2026

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

## Identification

### SURVEY ID NUMBER

AHRI.SurveillanceEpisodesYrAge.partners

### TITLE

AHRI.Surveillance Episodes YrAge Partners

### 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_Partners	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 845km<sup>2</sup> 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

## Data Processing

## DATA EDITING

Data collected in this study was centrally stored on AHRI's secure database servers. Data was collected through interviews at the call centre on central server using Survey Solutions, and in the field on paper and encrypted tablet computers using REDCap, and then securely uploaded to a central server. Database rules and constraints were enforced on the master database to ensure that only valid data was stored. Personally identifiable data was restricted to separate database tables accessible only to data management staff .

## 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 YrAge Partners [Data set]. Africa Health Research Institute.

DOI: <https://doi.org/10.23664/SURVEILLANCEEPISODESYRAGE.PARTNERS>

## Metadata production

---

DDI DOCUMENT ID

DDI.AHRI.SurveillanceEpisodesYrAge.partners

PRODUCERS

Name	Abbreviation
Africa Health Research Institute	AHRI

**Data Dictionary**

<b>Data file</b>	<b>Cases</b>	<b>Variables</b>
<b>SurveillanceEpisodesYrAge_Partners</b>	6780936	42



**Data file: SurveillanceEpisodesYrAge\_Partners**

Cases: 6780936

Variables: 42

**Variables**

ID	Name	Label	Question
V436	IndividualId	Unique individual identifier	
V437	Sex	Sex of individual	
V438	DoB	Date of birth	
V439	DoD	Date of death	
V440	MotherId	Mother's IndividualId	
V441	FatherId	Father's IndividualId	
V442	LocationId	Where individual was resident, household residence if non-resident	
V443	HouseholdId	Unique household identifier of the household the individual is a member of	
V444	HHRelationshipTypeId	Relationship to head of household	
V445	Resident	Whether individual is resident for duration of episode	
V446	Episode	This episode number (first=1, last=Episodes)	
V447	Episodes	Total number of episodes for individual	
V448	StartDate	Start date of episode (inclusive)	
V449	EndDate	End date of episode (inclusive)	
V450	Days	Duration in days of episode	
V451	CalendarYear	Calendar year during episode	
V452	Age	Age in completed years during episode	
V453	AgeGroup	Age group during episode	
V454	Born	Episode starts with the birth of the individual	
V455	Enumeration	Episode starts with an enumeration	
V456	InMigration	Episode starts with an in-migration	
V457	LocationEntry	Episode starts with an internal migration	
V458	ExtResStart	Flag to indicate start of external residence	
V459	Participation	Resumed participation after refusal	
V460	Died	Episode ends with the death of the individual	
V461	OutMigration	Episode ends with the out-migration	
V462	LocationExit	Episode ends with an internal migration	
V463	ExtResEnd	Flag to indicate end of external residence	
V464	Refusal	Individual refused follow-up	
V465	LostToFollowUp	Individual was lost to follow-up at the end of the episode	
V466	Current	Individual still under surveillance	
V467	HHRelationship	Relationship to head of household changed during this episode	
V468	MembershipStart	Flag to indicate start of household membership	
V469	MembershipEnd	Flag to indicate end of household membership	
V470	GapStart	Start of a gap in individual exposure record	
V471	GapEnd	End of gap in individual exposure record	
V472	AgeChange	Flag age changed	
V473	YrChange	Flag calendar year changed	

ID	Name	Label	Question
V474	Memberships	Number of concurrent household memberships	
V475	EducationStatus	Education level achieved during this calendar year	
V476	PartnerStatus	Partner Status	
V477	PartnerStatusChange	Flag to indicate change in partnership status	

Total: 42



**INDIVIDUALID: Unique individual identifier****Data file: SurveillanceEpisodesYrAge\_Partners****Overview**

Valid: 6780936 Invalid: 0 Minimum: 1 Maximum: 263153 Mean: 119422.142 Standard deviation: 77511.042

Type: Continuous Decimal: 0 Width: 9 Range: 1 - 263153 Format: Numeric

**SEX: Sex of individual****Data file: SurveillanceEpisodesYrAge\_Partners****Overview**

Valid: 6780936 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		66	0%
1	Male	3208743	47.3%
2	Female	3572127	52.7%
3	Unknown	0	0%

**DOB: Date of birth****Data file: SurveillanceEpisodesYrAge\_Partners****Overview**

Valid: 6780921 Minimum: 1793-01-01 Maximum: 2024-12-31

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

**DOD: Date of death****Data file: SurveillanceEpisodesYrAge\_Partners****Overview**

Valid: 580233 Minimum: 2000-01-01 Maximum: 2025-10-03

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

**MOTHERID: Mother's IndividualId****Data file: SurveillanceEpisodesYrAge\_Partners**

**Overview**

Valid: 4681513 Invalid: 2099423 Minimum: 8 Maximum: 263150 Mean: 155953.044 Standard deviation: 66177.748  
 Type: Continuous Decimal: 0 Width: 9 Range: 8 - 263150 Format: Numeric

**FATHERID: Father's IndividualId**

**Data file: SurveillanceEpisodesYrAge\_Partners**

**Overview**

Valid: 2462570 Invalid: 4318366 Minimum: 49 Maximum: 263146 Mean: 164677.099 Standard deviation: 59398.034  
 Type: Continuous Decimal: 0 Width: 9 Range: 49 - 263146 Format: Numeric

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

**Data file: SurveillanceEpisodesYrAge\_Partners**

**Overview**

Valid: 6780936 Invalid: 0 Minimum: 0 Maximum: 37292 Mean: 18491.219 Standard deviation: 10755.685  
 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\_Partners**

**Overview**

Valid: 6780936 Invalid: 0 Minimum: 1 Maximum: 41014 Mean: 20441.819 Standard deviation: 11784.187  
 Type: Continuous Decimal: 0 Width: 9 Range: 1 - 41014 Format: Numeric

**HHRELATIONSHIPTYPEID: Relationship to head of household**

**Data file: SurveillanceEpisodesYrAge\_Partners**

**Overview**

Valid: 6780936 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 22 Range: 1 - 12 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Head	901782	13.3%
2	Spouse	337067	5%
3	Child	2292846	33.8%
4	Son/Daughter-inlaw	30267	0.4%

5	Grandchild	1486857	21.9%
6	Parent	49165	0.7%
7	Parent-inlaw	1869	0%
8	Grandparent	8161	0.1%
9	Sibling	1151366	17%
10	Other relative	16644	0.2%
11	Domestic worker/tenant	354081	5.2%
12	Unrelated/Other	150831	2.2%

## RESIDENT: Whether individual is resident for duration of episode

Data file: SurveillanceEpisodesYrAge\_Partners

### Overview

Valid: 6780936 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	1977071	29.2%
1	Yes	4803865	70.8%

## EPISODE: This episode number (first=1, last=Episodes)

Data file: SurveillanceEpisodesYrAge\_Partners

### Overview

Valid: 6780936 Invalid: 0 Minimum: 1 Maximum: 127 Mean: 20.265 Standard deviation: 15.837  
 Type: Continuous Decimal: 0 Width: 9 Range: 1 - 127 Format: Numeric

## EPISODES: Total number of episodes for individual

Data file: SurveillanceEpisodesYrAge\_Partners

### Overview

Valid: 6780936 Invalid: 0 Minimum: 1 Maximum: 127 Mean: 39.53 Standard deviation: 19.028  
 Type: Continuous Decimal: 0 Width: 9 Range: 1 - 127 Format: Numeric

**STARTDATE: Start date of episode (inclusive)****Data file: SurveillanceEpisodesYrAge\_Partners****Overview**

Valid: 6780936    Minimum: 2000-01-01    Maximum: 2024-12-31  
 Type: Discrete    Width: 11    Range: -    Format: character

---

**ENDDATE: End date of episode (inclusive)****Data file: SurveillanceEpisodesYrAge\_Partners****Overview**

Valid: 6780936    Minimum: 2000-01-01    Maximum: 2024-12-31  
 Type: Discrete    Width: 11    Range: -    Format: character

---

**DAYS: Duration in days of episode****Data file: SurveillanceEpisodesYrAge\_Partners****Overview**

Valid: 6780936    Invalid: 0    Minimum: 0    Maximum: 366    Mean: 152.748    Standard deviation: 103.747  
 Type: Continuous    Decimal: 0    Width: 9    Range: 0 - 366    Format: Numeric

---

**CALENDARYEAR: Calendar year during episode****Data file: SurveillanceEpisodesYrAge\_Partners****Overview**

Valid: 6780936    Invalid: 0    Minimum: 2000    Maximum: 2024    Mean: 2013.752    Standard deviation: 7.451  
 Type: Continuous    Decimal: 0    Width: 9    Range: 2000 - 2024    Format: Numeric

---

**AGE: Age in completed years during episode****Data file: SurveillanceEpisodesYrAge\_Partners****Overview**

Valid: 6780936    Invalid: 0    Minimum: 0    Maximum: 1499    Mean: 25.743    Standard deviation: 18.332  
 Type: Continuous    Decimal: 0    Width: 9    Range: 0 - 1499    Format: Numeric

---

**AGEGROUP: Age group during episode****Data file: SurveillanceEpisodesYrAge\_Partners****Overview**

Valid: 6780936    Invalid: 0  
 Type: Discrete    Decimal: 0    Width: 9    Range: 0 - 18    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0	<1	115582	1.7%
1	01-04	521643	7.7%
2	05-09	692308	10.2%
3	10-14	731808	10.8%
4	15-19	833662	12.3%
5	20-24	818699	12.1%
6	25-29	706760	10.4%
7	30-34	569300	8.4%
8	35-39	439760	6.5%
9	40-44	327881	4.8%
10	45-49	251370	3.7%
11	50-54	199086	2.9%
12	55-59	161601	2.4%
13	60-64	131285	1.9%
14	65-69	96867	1.4%
15	70-74	70999	1%
16	75-79	48237	0.7%
17	80-84	32342	0.5%
18	85+	31746	0.5%

### BORN: Episode starts with the birth of the individual

Data file: SurveillanceEpisodesYrAge\_Partners

#### Overview

Valid: 6780936 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	6731480	99.3%
1	Yes	49456	0.7%

**ENUMERATION: Episode starts with an enumeration****Data file: SurveillanceEpisodesYrAge\_Partners****Overview**

Valid: 6780936 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	6642149	98%
1	Yes	138787	2%

**INMIGRATION: Episode starts with an in-migration****Data file: SurveillanceEpisodesYrAge\_Partners****Overview**

Valid: 6780936 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	6623250	97.7%
1	Yes	157686	2.3%

**LOCATIONENTRY: Episode starts with an internal migration****Data file: SurveillanceEpisodesYrAge\_Partners****Overview**

Valid: 6780936 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	6728022	99.2%
1	Yes	52914	0.8%

### EXTRESSTART: Flag to indicate start of external residence

Data file: SurveillanceEpisodesYrAge\_Partners

#### Overview

Valid: 6780936 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	6604852	97.4%
1	Yes	176084	2.6%

### PARTICIPATION: Resumed participation after refusal

Data file: SurveillanceEpisodesYrAge\_Partners

#### Overview

Valid: 6780936 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	6780936	100%
1	Yes	0	0%

### DIED: Episode ends with the death of the individual

Data file: SurveillanceEpisodesYrAge\_Partners

#### Overview

Valid: 6780936 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	6753232	99.6%
1	Yes	27704	0.4%

## OUTMIGRATION: Episode ends with the out-migration

Data file: SurveillanceEpisodesYrAge\_Partners

### Overview

Valid: 6780936 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	6557114	96.7%
1	Yes	223822	3.3%

## LOCATIONEXIT: Episode ends with an internal migration

Data file: SurveillanceEpisodesYrAge\_Partners

### Overview

Valid: 6780936 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	6728022	99.2%
1	Yes	52914	0.8%

**EXTRESEND: Flag to indicate end of external residence****Data file: SurveillanceEpisodesYrAge\_Partners****Overview**

Valid: 6780936    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	6687635	98.6%
1	Yes	93301	1.4%

**REFUSAL: Individual refused follow-up****Data file: SurveillanceEpisodesYrAge\_Partners****Overview**

Valid: 6780936    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	6778220	100%
1	Yes	2716	0%

**LOSTTOFOLLOWUP: Individual was lost to follow-up at the end of the episode****Data file: SurveillanceEpisodesYrAge\_Partners****Overview**

Valid: 6780936    Invalid: 0  
 Type: Discrete    Decimal: 0    Width: 15    Range: 0 - 1    Format: Numeric

**CURRENT: Individual still under surveillance****Data file: SurveillanceEpisodesYrAge\_Partners**

**Overview**

Valid: 6780936 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	6621732	97.7%
1	Yes	159204	2.3%

**HHRELATIONSHIP: Relationship to head of household changed during this episode**

Data file: SurveillanceEpisodesYrAge\_Partners

**Overview**

Valid: 6780936 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	6711140	99%
1	Yes	69796	1%

**MEMBERSHIPSTART: Flag to indicate start of household membership**

Data file: SurveillanceEpisodesYrAge\_Partners

**Overview**

Valid: 6780936 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	6435697	94.9%
1	Yes	345239	5.1%

**MEMBERSHIPEND: Flag to indicate end of household membership**

Data file: SurveillanceEpisodesYrAge\_Partners

**Overview**

Valid: 6780936 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	6435697	94.9%
1	Yes	345239	5.1%

**GAPSTART: Start of a gap in individual exposure record**

Data file: SurveillanceEpisodesYrAge\_Partners

**Overview**

Valid: 6780936 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	6766104	99.8%
1	Yes	14832	0.2%

**GAPEND: End of gap in individual exposure record**

Data file: SurveillanceEpisodesYrAge\_Partners

**Overview**

Valid: 6780936 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	6766104	99.8%
1	Yes	14832	0.2%

### AGECHANGE: Flag age changed

Data file: SurveillanceEpisodesYrAge\_Partners

#### Overview

Valid: 6780936 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	3961014	58.4%
1	Yes	2819922	41.6%

### YRCHANGE: Flag calendar year changed

Data file: SurveillanceEpisodesYrAge\_Partners

#### Overview

Valid: 6780936 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	4087163	60.3%
1	Yes	2693773	39.7%

### MEMBERSHIPS: Number of concurrent household memberships

Data file: SurveillanceEpisodesYrAge\_Partners

#### Overview

Valid: 6780936 Invalid: 0 Minimum: 1 Maximum: 28 Mean: 1.075 Standard deviation: 0.283

Type: Continuous    Decimal: 0    Width: 9    Range: 1 - 28    Format: Numeric

**EDUCATIONSTATUS: Education level achieved during this calendar year****Data file: SurveillanceEpisodesYrAge\_Partners****Overview**

Valid: 5055394    Invalid: 1725542

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

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-1	Unknown	83863	1.7%
0	Grade 0	66544	1.3%
1	Grade 1	139444	2.8%
2	Grade 2	183480	3.6%
3	Grade 3	188009	3.7%
4	Grade 4	245577	4.9%
5	Grade 5	186750	3.7%
6	Grade 6	206458	4.1%
7	Grade 7	275876	5.5%
8	Grade 8	277162	5.5%
9	Grade 9	268756	5.3%
10	Grade 10	424855	8.4%
11	Grade 11	441127	8.7%
12	Grade 12	1685849	33.3%
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	381644	7.5%
99	Not attending	0	0%
Sysmiss		1725542	

## PARTNERSTATUS: Partner Status

Data file: SurveillanceEpisodesYrAge\_Partners

### Overview

Valid: 4113573 Invalid: 2667363

Type: Discrete Decimal: 0 Width: 17 Range: 0 - 5 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0	Missing/Refused	0	0%
1	No partner	1183913	28.8%
2	Married	564952	13.7%
3	Regular	2026522	49.3%
4	Casual	123524	3%
5	Widowed/Separated	214662	5.2%
Sysmiss		2667363	

## PARTNERSTATUSCHANGE: Flag to indicate change in partnership status

Data file: SurveillanceEpisodesYrAge\_Partners

### Overview

Valid: 4113573 Invalid: 2667363

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	3518771	85.5%
1	Yes	594802	14.5%
Sysmiss		2667363	

# Download related resources

## Technical documents

### DDI:Surveillance Episodes YrAge Partners

---

Title	DDI:Surveillance Episodes YrAge Partners
Author(s)	Nompumelelo Mkwanazi
Date	2026-02-20
Country	South Africa
Language	English
Publisher(s)	Nompumelelo Mkwanazi
Filename	Surveillance Episodes YrAge Partners.pdf

---