

# South Africa - AHRI.Surveillance Episodes YrAgeDel\_HSE\_Labour\_Partner\_Parents

**Nompumelelo Mkwazi**

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

## Identification

### SURVEY ID NUMBER

AHRI.Surveillance.Episodes.YrAgeDel.HSE.Labour.Partners.Parents

### TITLE

AHRI.Surveillance Episodes YrAgeDel\_HSE\_Labour\_Partner\_Parents

### 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  
 SurveillanceEpisodesYTAge  
 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

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## VERSION DESCRIPTION

v2.0.0

## Scope

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## TOPICS

Topic	Vocabulary	URI
Surveillance Episodes Year Age Delivery_HSE_Labour_Partner_Parents	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

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## 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

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## 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 YrAgeDel\_HSE\_Labour\_Partner\_Parents [Data set]. Africa Health Research Institute.

DOI: <https://doi.org/10.23664/AHRI.SURVEILLANCE.EPISODES.YRAGEDEL.HSE.LABOUR.PARTNERS.PARENTS>

## Metadata production

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#### DDI DOCUMENT ID

DDI.AHRI.Surveillance.Episodes.YrAgeDel.HSE.Labour.Partners.Parents

#### PRODUCERS

Name	Abbreviation
Africa Health Research Institute	AHRI

**Data Dictionary**

Data file	Cases	Variables
SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents	9513827	52



**Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents**

Cases: 9513827

Variables: 52

**Variables**

ID	Name	Label	Question
V374	IndividualId	Unique individual identifier	
V375	Sex	Sex of individual	
V376	DoB	Date of birth	
V377	DoD	Date of death	
V378	MotherId	Mother's IndividualId	
V379	FatherId	Father's IndividualId	
V380	LocationId	Where individual was resident, household residence if non-resident	
V381	HouseholdId	Unique household identifier of the household the individual is a member of	
V382	HHRelationshipTypeId	Relationship to head of household	
V383	Resident	Whether individual is resident for duration of episode	
V384	Episode	This episode number (first=1, last=Episodes)	
V385	Episodes	Total number of episodes for individual	
V386	StartDate	Start date of episode (inclusive)	
V387	EndDate	End date of episode (inclusive)	
V388	Days	Duration in days of episode	
V389	CalendarYear	Calendar year during episode	
V390	Age	Age in completed years during episode	
V391	Born	Episode starts with the birth of the individual	
V392	Enumeration	Episode starts with an enumeration	
V393	InMigration	Episode starts with an in-migration	
V394	LocationEntry	Episode starts with an internal migration	
V395	ExtResStart	Flag to indicate start of external residence	
V396	Participation	Resumed participation after refusal	
V397	Died	Episode ends with the death of the individual	
V398	OutMigration	Episode ends with the out-migration	
V399	LocationExit	Episode ends with an internal migration	
V400	ExtResEnd	Flag to indicate end of external residence	
V401	Refusal	Individual refused follow-up	
V402	LostToFollowUp	Individual was lost to follow-up at the end of the episode	
V403	Current	Individual still under surveillance	
V404	HHRelationship	Relationship to head of household changed during this episode	
V405	MembershipStart	Flag to indicate start of household membership	
V406	MembershipEnd	Flag to indicate end of household membership	
V407	GapStart	Start of a gap in individual exposure record	
V408	GapEnd	End of gap in individual exposure record	
V409	AgeChange	Flag age changed	
V410	YrChange	Flag calendar year changed	
V411	Memberships	Number of concurrent household memberships	

ID	Name	Label	Question
V412	EducationStatus	Education level achieved during this calendar year	
V413	ChildrenBorn	Number of babies delivered at start of episode	
V414	ChildrenEverBorn	Number of children ever born to individual	
V415	ObservationId	Link to HouseholdObservations & HouseholdSocioEconomicStatus	
V416	HouseholdStatusChange	Change in household socio-economic status	
V417	EmploymentStatus	Employment Status	
V418	EmploymentStatusChange	Flag to indicate change in employment status	
V419	PartnerStatus	Partner Status	
V420	PartnerStatusChange	Flag to indicate change in partnership status	
V421	MotherDead	Mother is dead	
V422	MotherCoresident	Mother is co-resident	
V423	FatherDead	Father is dead	
V424	FatherCoresident	Father is co-resident	
V425	ParentalStatusChange	Change in parental status	

Total: 52



**INDIVIDUALID: Unique individual identifier****Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents****Overview**

Valid: 9513827 Invalid: 0 Minimum: 1 Maximum: 263153 Mean: 118255.638 Standard deviation: 77552.653

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

**SEX: Sex of individual****Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents****Overview**

Valid: 9513827 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		92	0%
1	Male	4492157	47.2%
2	Female	5021578	52.8%
3	Unknown	0	0%

**DOB: Date of birth****Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents****Overview**

Valid: 9513803 Minimum: 1793-01-01 Maximum: 2024-12-31

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

**DOD: Date of death****Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents****Overview**

Valid: 792689 Minimum: 2000-01-01 Maximum: 2025-10-03

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

**MOTHERID: Mother's IndividualId****Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents**

**Overview**

Valid: 6652489 Invalid: 2861338 Minimum: 8 Maximum: 263150 Mean: 155658.199 Standard deviation: 66373.775  
 Type: Continuous Decimal: 0 Width: 9 Range: 8 - 263150 Format: Numeric

**FATHERID: Father's IndividualId**

**Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents**

**Overview**

Valid: 3507162 Invalid: 6006665 Minimum: 49 Maximum: 263146 Mean: 164596.014 Standard deviation: 59460.032  
 Type: Continuous Decimal: 0 Width: 9 Range: 49 - 263146 Format: Numeric

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

**Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents**

**Overview**

Valid: 9513827 Invalid: 0 Minimum: 0 Maximum: 37292 Mean: 18501.589 Standard deviation: 10754.818  
 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: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents**

**Overview**

Valid: 9513827 Invalid: 0 Minimum: 1 Maximum: 41014 Mean: 20440.858 Standard deviation: 11779.698  
 Type: Continuous Decimal: 0 Width: 9 Range: 1 - 41014 Format: Numeric

**HHRELATIONSHIPTYPEID: Relationship to head of household**

**Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents**

**Overview**

Valid: 9513827 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 22 Range: 1 - 12 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Head	1229863	12.9%
2	Spouse	468173	4.9%
3	Child	3247721	34.1%
4	Son/Daughter-inlaw	42809	0.4%

5	Grandchild	2129245	22.4%
6	Parent	66695	0.7%
7	Parent-inlaw	2496	0%
8	Grandparent	11610	0.1%
9	Sibling	1610189	16.9%
10	Other relative	20931	0.2%
11	Domestic worker/tenant	497554	5.2%
12	Unrelated/Other	186541	2%

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

Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents

### Overview

Valid: 9513827 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	2793283	29.4%
1	Yes	6720544	70.6%

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

Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents

### Overview

Valid: 9513827 Invalid: 0 Minimum: 1 Maximum: 152 Mean: 28.806 Standard deviation: 22.707  
 Type: Continuous Decimal: 0 Width: 9 Range: 1 - 152 Format: Numeric

## EPISODES: Total number of episodes for individual

Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents

### Overview

Valid: 9513827 Invalid: 0 Minimum: 1 Maximum: 152 Mean: 56.612 Standard deviation: 27.311  
 Type: Continuous Decimal: 0 Width: 9 Range: 1 - 152 Format: Numeric

**STARTDATE: Start date of episode (inclusive)****Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents****Overview**

Valid: 9513827    Minimum: 2000-01-01    Maximum: 2024-12-31  
 Type: Discrete    Width: 11    Range: -    Format: character

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**ENDDATE: End date of episode (inclusive)****Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents****Overview**

Valid: 9513827    Minimum: 2000-01-01    Maximum: 2024-12-31  
 Type: Discrete    Width: 11    Range: -    Format: character

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**DAYS: Duration in days of episode****Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents****Overview**

Valid: 9513827    Invalid: 0    Minimum: 0    Maximum: 366    Mean: 108.871    Standard deviation: 86.094  
 Type: Continuous    Decimal: 0    Width: 9    Range: 0 - 366    Format: Numeric

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**CALENDARYEAR: Calendar year during episode****Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents****Overview**

Valid: 9513827    Invalid: 0    Minimum: 2000    Maximum: 2024    Mean: 2013.89    Standard deviation: 7.301  
 Type: Continuous    Decimal: 0    Width: 9    Range: 2000 - 2024    Format: Numeric

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**AGE: Age in completed years during episode****Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents****Overview**

Valid: 9513827    Invalid: 0    Minimum: 0    Maximum: 1499    Mean: 25.615    Standard deviation: 18.262  
 Type: Continuous    Decimal: 0    Width: 9    Range: 0 - 1499    Format: Numeric

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**BORN: Episode starts with the birth of the individual****Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents****Overview**

Valid: 9513827    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	9464371	99.5%
1	Yes	49456	0.5%

### ENUMERATION: Episode starts with an enumeration

Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents

#### Overview

Valid: 9513827 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	9375040	98.5%
1	Yes	138787	1.5%

### INMIGRATION: Episode starts with an in-migration

Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents

#### Overview

Valid: 9513827 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	9356141	98.3%
1	Yes	157686	1.7%

**LOCATIONENTRY: Episode starts with an internal migration****Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents****Overview**

Valid: 9513827    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	9460913	99.4%
1	Yes	52914	0.6%

**EXTRESSTART: Flag to indicate start of external residence****Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents****Overview**

Valid: 9513827    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	9337743	98.1%
1	Yes	176084	1.9%

**PARTICIPATION: Resumed participation after refusal****Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents****Overview**

Valid: 9513827    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	9513827	100%
1	Yes	0	0%

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

Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents

#### Overview

Valid: 9513827 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	9486123	99.7%
1	Yes	27704	0.3%

### OUTMIGRATION: Episode ends with the out-migration

Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents

#### Overview

Valid: 9513827 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	9290005	97.6%
1	Yes	223822	2.4%

### LOCATIONEXIT: Episode ends with an internal migration

Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents

#### Overview

Valid: 9513827 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	9460913	99.4%
1	Yes	52914	0.6%

### EXTRESEND: Flag to indicate end of external residence

Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents

#### Overview

Valid: 9513827 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	9420526	99%
1	Yes	93301	1%

### REFUSAL: Individual refused follow-up

Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents

#### Overview

Valid: 9513827 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	9511111	100%
1	Yes	2716	0%

**LOSTTOFOLLOWUP: Individual was lost to follow-up at the end of the episode****Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents****Overview**

Valid: 9513827    Invalid: 0  
 Type: Discrete    Decimal: 0    Width: 15    Range: 0 - 1    Format: Numeric

**CURRENT: Individual still under surveillance****Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents****Overview**

Valid: 9513827    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	9354623	98.3%
1	Yes	159204	1.7%

**HHRELATIONSHIP: Relationship to head of household changed during this episode****Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents****Overview**

Valid: 9513827    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	9444030	99.3%
1	Yes	69797	0.7%

**MEMBERSHIPSTART: Flag to indicate start of household membership****Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents**

**Overview**

Valid: 9513827 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	9168588	96.4%
1	Yes	345239	3.6%

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

Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents

**Overview**

Valid: 9513827 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	9168588	96.4%
1	Yes	345239	3.6%

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

Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents

**Overview**

Valid: 9513827 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	9498995	99.8%
1	Yes	14832	0.2%

**GAPEND: End of gap in individual exposure record****Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents****Overview**

Valid: 9513827    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	9498995	99.8%
1	Yes	14832	0.2%

**AGECHANGE: Flag age changed****Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents****Overview**

Valid: 9513827    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	6693905	70.4%
1	Yes	2819922	29.6%

**YRCHANGE: Flag calendar year changed****Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents****Overview**

Valid: 9513827    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	6820054	71.7%
1	Yes	2693773	28.3%

## MEMBERSHIPS: Number of concurrent household memberships

Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents

### Overview

Valid: 9513827 Invalid: 0 Minimum: 1 Maximum: 28 Mean: 1.073 Standard deviation: 0.279  
 Type: Continuous Decimal: 0 Width: 9 Range: 1 - 28 Format: Numeric

## EDUCATIONSTATUS: Education level achieved during this calendar year

Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents

### Overview

Valid: 7259644 Invalid: 2254183  
 Type: Discrete Decimal: 0 Width: 18 Range: -1 - 99 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-1	Unknown	120923	1.7%
0	Grade 0	99246	1.4%
1	Grade 1	205798	2.8%
2	Grade 2	265539	3.7%
3	Grade 3	271258	3.7%
4	Grade 4	350819	4.8%
5	Grade 5	264845	3.6%
6	Grade 6	289528	4%
7	Grade 7	390487	5.4%
8	Grade 8	391438	5.4%
9	Grade 9	384044	5.3%
10	Grade 10	616126	8.5%
11	Grade 11	646231	8.9%
12	Grade 12	2440916	33.6%
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	522446	7.2%
99	Not attending	0	0%
Sysmiss		2254183	

## CHILDRENBORN: Number of babies delivered at start of episode

Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents

### Overview

Valid: 9513827 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 11 Range: 0 - 8 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0	None	9468978	99.5%
1	Singleton	44162	0.5%
2	Twin	676	0%
3	Triplet	9	0%
4	Quadruplet	2	0%
5	Quintuplets	0	0%
6	Sextuplets	0	0%
7	Septuplets	0	0%
8	Octuplets	0	0%

**CHILDRENEVERBORN: Number of children ever born to individual****Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents****Overview**

Valid: 9513827 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 9 Range: 0 - 16 Format: Numeric

**OBSERVATIONID: Link to HouseholdObservations & HouseholdSocioEconomicStatus****Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents****Overview**

Valid: 7821651 Invalid: 1692176 Minimum: 1 Maximum: 290708 Mean: 161802.396 Standard deviation: 75508.739  
 Type: Continuous Decimal: 0 Width: 9 Range: 1 - 290708 Format: Numeric

**HOUSEHOLDSTATUSCHANGE: Change in household socio-economic status****Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents****Overview**

Valid: 8131160 Invalid: 1382667  
 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	5795388	71.3%
1	Yes	2335772	28.7%
Sysmiss		1382667	

**EMPLOYMENTSTATUS: Employment Status****Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents****Overview**

Valid: 4480713 Invalid: 5033114  
 Type: Discrete Decimal: 0 Width: 15 Range: 0 - 15 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0	Missing/Refused	0	0%
1	Employed	1420402	31.7%
2	Part-time	226648	5.1%
13	Education	437805	9.8%
15	Unemployed	2395858	53.5%
Sysmiss		5033114	

**EMPLOYMENTSTATUSCHANGE: Flag to indicate change in employment status**

Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents

**Overview**

Valid: 4972377 Invalid: 4541450

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	4545413	91.4%
1	Yes	426964	8.6%
Sysmiss		4541450	

**PARTNERSTATUS: Partner Status**

Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents

**Overview**

Valid: 5948971 Invalid: 3564856

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	1696581	28.5%
2	Married	789261	13.3%
3	Regular	2992550	50.3%

4	Casual	165451	2.8%
5	Widowed/Separated	305128	5.1%
Sysmiss		3564856	

## PARTNERSTATUSCHANGE: Flag to indicate change in partnership status

Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents

### Overview

Valid: 6065582 Invalid: 3448245

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	5470780	90.2%
1	Yes	594802	9.8%
Sysmiss		3448245	

## MOTHERDEAD: Mother is dead

Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents

### Overview

Valid: 9513827 Invalid: 0

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

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-1	Unknown	1580602	16.6%
0	No	5564796	58.5%
1	Yes	2368429	24.9%

## MOTHERCORESIDENT: Mother is co-resident

Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents

### Overview

Valid: 9513827 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-1	Unknown	1598030	16.8%
0	No	2794527	29.4%
1	Non-resident member	902235	9.5%
2	Resident member	4219035	44.3%

**FATHERDEAD: Father is dead**

Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents

**Overview**Valid: 9513827    Invalid: 0  
Type: Discrete    Decimal: 0    Width: 9    Range: -1 - 1    Format: Numeric**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-1	Unknown	2738311	28.8%
0	No	2550484	26.8%
1	Yes	4225032	44.4%

**FATHERCORESIDENT: Father is co-resident**

Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents

**Overview**Valid: 9513827    Invalid: 0  
Type: Discrete    Decimal: 0    Width: 19    Range: -1 - 2    Format: Numeric**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-1	Unknown	2792754	29.4%
0	No	4535083	47.7%
1	Non-resident member	790500	8.3%
2	Resident member	1395490	14.7%

**PARENTALSTATUSCHANGE: Change in parental status****Data file: SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents****Overview**

Valid: 9513827    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	8983154	94.4%
1	Yes	530673	5.6%

## Download related resources

### Technical documents

#### **DDI:AHRI.Surveillance Episodes YrAgeDel\_HSE\_Labour\_Partner\_Parents**

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Title	DDI:AHRI.Surveillance Episodes YrAgeDel_HSE_Labour_Partner_Parents
Author(s)	Nompumelelo Mkwanazi
Date	2026-02-23
Country	South Africa
Language	English
Publisher(s)	Nompumelelo Mkwanazi
Filename	AHRI.Surveillance Episodes YrAgeDel_HSE_Labour_Partner_Parents.pdf

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