

**South Africa**

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

**Study Documentation**

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# Metadata Production

<b>Metadata Producer(s)</b>	Africa Health Research Institute (AHRI)
<b>Identification</b>	DDI.AHRI.Surveillance.Episodes.YrAgeDel.HSE.Labour.Partners.Parents

# Table of Contents

<a href="#">Overview</a> .....	4
<a href="#">Scope &amp; Coverage</a> .....	5
<a href="#">Producers &amp; Sponsors</a> .....	5
<a href="#">Sampling</a> .....	5
<a href="#">Data Collection</a> .....	6
<a href="#">Data Processing &amp; Appraisal</a> .....	6
<a href="#">Accessibility</a> .....	6
<a href="#">Files Description</a> .....	7
<a href="#">SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents</a> .....	7
<a href="#">Variables List</a> .....	8
<a href="#">SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents</a> .....	8
<a href="#">Variables Description</a> .....	11
<a href="#">SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents</a> .....	12

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

### Overview

<b>Identification</b>	AHRI.Surveillance.Episodes.YrAgeDel.HSE.Labour.Partners.Parents
<b>Version</b>	v2.0.0

### 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	
<b>Kind of Data</b>	Event History Data
<b>Unit of Analysis</b>	Episodes of exposure

<b>Scope &amp; Coverage</b>	
<b>Keywords</b>	Fertility, Mortality, Migration, Social-economic status, HIV, ART
<b>Topics</b>	Surveillance Episodes Year Age Delivery_HSE_Labour_Partner_Parents
<b>Time Period(s)</b>	2000-2024
<b>Countries</b>	South Africa
<b>Geographic Coverage</b> 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 845km2 in size.	
<b>Universe</b> 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.	

<b>Producers &amp; Sponsors</b>	
<b>Primary Investigator(s)</b>	Dr Kobus Herbst, AHRI, SAPRIN Dr Guy Harling, AHRI Dr Mark Siedner, AHRI Prof Willem Hanekom, AHRI
<b>Other Producer(s)</b>	Africa Health Research Institute (AHRI)
<b>Funding Agency/ies</b>	Wellcome Trust (WT) , Core funding SAPRIN (SAPRIN)
<b>Other Acknowledgment(s)</b>	AHRI Research Data Management Team , Research Data Management , AHRI AHRI Data Collection Team , Data Collection , AHRI AHRI Community Engagement Team , Community Engagement , AHRI

<b>Sampling</b>	
<b>Sampling Procedure</b> This dataset is not based on a sample but contains information from the complete demographic surveillance areas.	

## Data Collection

<b>Data Collection Dates</b>	start 2000-01-01 end 2024-12-31
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## Data Processing & Appraisal

### 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 .

## Accessibility

### 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>

# Files Description

Dataset contains 1 file(s)

<b>SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents</b>	
<b># Cases</b>	9513827
<b># Variable(s)</b>	52

# Variables List

Dataset contains 52 variable(s)

File SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">Individu..</a>	Unique individual identifier	continuous	numeric-9.0	9513827	0	-
2	<a href="#">Sex</a>	Sex of individual	discrete	numeric-9.0	9513827	0	-
3	<a href="#">DoB</a>	Date of birth	discrete	character-11	9513803	-	-
4	<a href="#">DoD</a>	Date of death	discrete	character-11	792689	-	-
5	<a href="#">MotherId</a>	Mother's IndividualId	continuous	numeric-9.0	6652489	2861338	-
6	<a href="#">FatherId</a>	Father's IndividualId	continuous	numeric-9.0	3507162	6006665	-
7	<a href="#">LocationId</a>	Where individual was resident, household residence if non-resident	continuous	numeric-9.0	9513827	0	-
8	<a href="#">Househol..</a>	Unique household identifier of the household the individual is a member of	continuous	numeric-9.0	9513827	0	-
9	<a href="#">HHRelati..</a>	Relationship to head of household	discrete	numeric-22.0	9513827	0	-
10	<a href="#">Resident</a>	Whether individual is resident for duration of episode	discrete	numeric-15.0	9513827	0	-
11	<a href="#">Episode</a>	This episode number (first=1, last=Episodes)	continuous	numeric-9.0	9513827	0	-
12	<a href="#">Episodes</a>	Total number of episodes for individual	continuous	numeric-9.0	9513827	0	-
13	<a href="#">StartDate</a>	Start date of episode (inclusive)	discrete	character-11	9513827	-	-
14	<a href="#">EndDate</a>	End date of episode (inclusive)	discrete	character-11	9513827	-	-
15	<a href="#">Days</a>	Duration in days of episode	continuous	numeric-9.0	9513827	0	-
16	<a href="#">Calendar..</a>	Calendar year during episode	continuous	numeric-9.0	9513827	0	-
17	<a href="#">Age</a>	Age in completed years during episode	continuous	numeric-9.0	9513827	0	-
18	<a href="#">Born</a>	Episode starts with the birth of the individual	discrete	numeric-15.0	9513827	0	-
19	<a href="#">Enumerat..</a>	Episode starts with an enumeration	discrete	numeric-15.0	9513827	0	-
20	<a href="#">InMigrat..</a>	Episode starts with an in-migration	discrete	numeric-15.0	9513827	0	-
21	<a href="#">Location..</a>	Episode starts with an internal migration	discrete	numeric-15.0	9513827	0	-
22	<a href="#">ExtResSt..</a>	Flag to indicate start of external residence	discrete	numeric-15.0	9513827	0	-
23	<a href="#">Particip..</a>	Resumed participation after refusal	discrete	numeric-15.0	9513827	0	-
24	<a href="#">Died</a>	Episode ends with the death of the individual	discrete	numeric-15.0	9513827	0	-

<b>File SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents</b>							
#	Name	Label	Type	Format	Valid	Invalid	Question
25	<a href="#">OutMigra ..</a>	Episode ends with the out-migration	discrete	numeric-15.0	9513827	0	-
26	<a href="#">Location ..</a>	Episode ends with an internal migration	discrete	numeric-15.0	9513827	0	-
27	<a href="#">ExtResEnd</a>	Flag to indicate end of external residence	discrete	numeric-15.0	9513827	0	-
28	<a href="#">Refusal</a>	Individual refused follow-up	discrete	numeric-15.0	9513827	0	-
29	<a href="#">LostToFo ..</a>	Individual was lost to follow-up at the end of the episode	discrete	numeric-15.0	9513827	0	-
30	<a href="#">Current</a>	Individual still under surveillance	discrete	numeric-15.0	9513827	0	-
31	<a href="#">HHRelati ..</a>	Relationship to head of household changed during this episode	discrete	numeric-15.0	9513827	0	-
32	<a href="#">Membersh ..</a>	Flag to indicate start of household membership	discrete	numeric-15.0	9513827	0	-
33	<a href="#">Membersh ..</a>	Flag to indicate end of household membership	discrete	numeric-15.0	9513827	0	-
34	<a href="#">GapStart</a>	Start of a gap in individual exposure record	discrete	numeric-15.0	9513827	0	-
35	<a href="#">GapEnd</a>	End of gap in individual exposure record	discrete	numeric-15.0	9513827	0	-
36	<a href="#">AgeChange</a>	Flag age changed	discrete	numeric-15.0	9513827	0	-
37	<a href="#">YrChange</a>	Flag calendar year changed	discrete	numeric-15.0	9513827	0	-
38	<a href="#">Membersh ..</a>	Number of concurrent household memberships	continuous	numeric-9.0	9513827	0	-
39	<a href="#">Educatio ..</a>	Education level achieved during this calendar year	discrete	numeric-18.0	7259644	2254183	-
40	<a href="#">Children ..</a>	Number of babies delivered at start of episode	discrete	numeric-11.0	9513827	0	-
41	<a href="#">Children ..</a>	Number of children ever born to individual	discrete	numeric-9.0	9513827	0	-
42	<a href="#">Observat ..</a>	Link to HouseholdObservations & HouseholdSocioEconomicStat	continuous	numeric-9.0	7821651	1692176	-
43	<a href="#">Househol ..</a>	Change in household socio-economic status	discrete	numeric-15.0	8131160	1382667	-
44	<a href="#">Employe ..</a>	Employment Status	discrete	numeric-15.0	4480713	5033114	-
45	<a href="#">Employe ..</a>	Flag to indicate change in employment status	discrete	numeric-15.0	4972377	4541450	-
46	<a href="#">PartnerS ..</a>	Partner Status	discrete	numeric-17.0	5948971	3564856	-
47	<a href="#">PartnerS ..</a>	Flag to indicate change in partnership status	discrete	numeric-15.0	6065582	3448245	-
48	<a href="#">MotherDead</a>	Mother is dead	discrete	numeric-9.0	9513827	0	-
49	<a href="#">MotherCo ..</a>	Mother is co-resident	discrete	numeric-19.0	9513827	0	-
50	<a href="#">FatherDead</a>	Father is dead	discrete	numeric-9.0	9513827	0	-
51	<a href="#">FatherCo ..</a>	Father is co-resident	discrete	numeric-19.0	9513827	0	-

<b>File SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents</b>							
#	Name	Label	Type	Format	Valid	Invalid	Question
52	<a href="#">Parental ..</a>	Change in parental status	discrete	numeric-15.0	9513827	0	-

# Variables Description

Dataset contains 52 variable(s)

## File : SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents

### # IndividualId: Unique individual identifier

**Information** [Type= continuous] [Format=numeric] [Range= 1-263153] [Missing=\*]

**Statistics [NW/ W]** [Valid=9513827 /-] [Invalid=0 /-] [Mean=118255.638 /-] [StdDev=77552.653 /-]

### # Sex: Sex of individual

**Information** [Type= discrete] [Format=numeric] [Range= 0-3] [Missing=\*]

**Statistics [NW/ W]** [Valid=9513827 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0		92	0.0%
1	Male	4492157	47.2%
2	Female	5021578	52.8%
3	Unknown	0	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### # DoB: Date of birth

**Information** [Type= discrete] [Format=character] [Missing=\*]

**Statistics [NW/ W]** [Valid=9513803 /-]

### # DoD: Date of death

**Information** [Type= discrete] [Format=character] [Missing=\*]

**Statistics [NW/ W]** [Valid=792689 /-]

### # MotherId: Mother's IndividualId

**Information** [Type= continuous] [Format=numeric] [Range= 8-263150] [Missing=\*]

**Statistics [NW/ W]** [Valid=6652489 /-] [Invalid=2861338 /-] [Mean=155658.199 /-] [StdDev=66373.775 /-]

### # FatherId: Father's IndividualId

**Information** [Type= continuous] [Format=numeric] [Range= 49-263146] [Missing=\*]

**Statistics [NW/ W]** [Valid=3507162 /-] [Invalid=6006665 /-] [Mean=164596.014 /-] [StdDev=59460.032 /-]

### # LocationId: Where individual was resident, household residence if non-resident

**Information** [Type= continuous] [Format=numeric] [Range= 0-37292] [Missing=\*]

**Statistics [NW/ W]** [Valid=9513827 /-] [Invalid=0 /-] [Mean=18501.589 /-] [StdDev=10754.818 /-]

### # HouseholdId: Unique household identifier of the household the individual is a member of

**Information** [Type= continuous] [Format=numeric] [Range= 1-41014] [Missing=\*]

**Statistics [NW/ W]** [Valid=9513827 /-] [Invalid=0 /-] [Mean=20440.858 /-] [StdDev=11779.698 /-]

### # HHRelationshipTypeId: Relationship to head of household

**Information** [Type= discrete] [Format=numeric] [Range= 1-12] [Missing=\*]

**Statistics [NW/ W]** [Valid=9513827 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
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%

## File : SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents

### # HHRelationshipTypeId: Relationship to head of household

Value	Label	Cases	Percentage
7	Parent-inlaw	2496	0.0%
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	2.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

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

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= -1-1] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=9513827 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	2793283	29.4%
1	Yes	6720544	70.6%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

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

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-152] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=9513827 /-] [Invalid=0 /-] [Mean=28.806 /-] [StdDev=22.707 /-]

### # Episodes: Total number of episodes for individual

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-152] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=9513827 /-] [Invalid=0 /-] [Mean=56.612 /-] [StdDev=27.311 /-]

### # StartDate: Start date of episode (inclusive)

<b>Information</b>	[Type= discrete] [Format=character] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=9513827 /-]

### # EndDate: End date of episode (inclusive)

<b>Information</b>	[Type= discrete] [Format=character] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=9513827 /-]

### # Days: Duration in days of episode

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 0-366] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=9513827 /-] [Invalid=0 /-] [Mean=108.871 /-] [StdDev=86.094 /-]

### # CalendarYear: Calendar year during episode

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 2000-2024] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=9513827 /-] [Invalid=0 /-] [Mean=2013.89 /-] [StdDev=7.301 /-]

### # Age: Age in completed years during episode

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 0-1499] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=9513827 /-] [Invalid=0 /-] [Mean=25.615 /-] [StdDev=18.262 /-]

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

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= -1-1] [Missing=*]
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## File : SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents

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

Statistics [NW/ W] [Valid=9513827 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	9464371	99.5%
1	Yes	49456	0.5%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### # Enumeration: Episode starts with an enumeration

Information [Type= discrete] [Format=numeric] [Range= -1-1] [Missing=\*]

Statistics [NW/ W] [Valid=9513827 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	9375040	98.5%
1	Yes	138787	1.5%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

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

Information [Type= discrete] [Format=numeric] [Range= -1-1] [Missing=\*]

Statistics [NW/ W] [Valid=9513827 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	9356141	98.3%
1	Yes	157686	1.7%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### # LocationEntry: Episode starts with an internal migration

Information [Type= discrete] [Format=numeric] [Range= -1-1] [Missing=\*]

Statistics [NW/ W] [Valid=9513827 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	9460913	99.4%
1	Yes	52914	0.6%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

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

Information [Type= discrete] [Format=numeric] [Range= -1-1] [Missing=\*]

Statistics [NW/ W] [Valid=9513827 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	9337743	98.1%
1	Yes	176084	1.9%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### # Participation: Resumed participation after refusal

Information [Type= discrete] [Format=numeric] [Range= -1-1] [Missing=\*]

Statistics [NW/ W] [Valid=9513827 /-] [Invalid=0 /-]

## File : SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents

### # Participation: Resumed participation after refusal

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	9513827	100.0%
1	Yes	0	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

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

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= -1-1] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=9513827 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	9486123	99.7%
1	Yes	27704	0.3%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

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

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= -1-1] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=9513827 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	9290005	97.6%
1	Yes	223822	2.4%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### # LocationExit: Episode ends with an internal migration

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= -1-1] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=9513827 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	9460913	99.4%
1	Yes	52914	0.6%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

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

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= -1-1] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=9513827 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	9420526	99.0%
1	Yes	93301	1.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### # Refusal: Individual refused follow-up

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= -1-1] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=9513827 /-] [Invalid=0 /-]

## File : SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents

### # Refusal: Individual refused follow-up

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	9511111	100.0%
1	Yes	2716	0.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### # LostToFollowUp: Individual was lost to follow-up at the end of the episode

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=9513827 /-] [Invalid=0 /-]

### # Current: Individual still under surveillance

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= -1-1] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=9513827 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	9354623	98.3%
1	Yes	159204	1.7%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### # HHRelationship: Relationship to head of household changed during this episode

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= -1-1] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=9513827 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	9444030	99.3%
1	Yes	69797	0.7%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### # MembershipStart: Flag to indicate start of household membership

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= -1-1] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=9513827 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	9168588	96.4%
1	Yes	345239	3.6%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### # MembershipEnd: Flag to indicate end of household membership

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= -1-1] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=9513827 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	9168588	96.4%
1	Yes	345239	3.6%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

## File : SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents

### # GapStart: Start of a gap in individual exposure record

**Information** [Type= discrete] [Format=numeric] [Range= -1-1] [Missing=\*]

**Statistics [NW/ W]** [Valid=9513827 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	9498995	99.8%
1	Yes	14832	0.2%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### # GapEnd: End of gap in individual exposure record

**Information** [Type= discrete] [Format=numeric] [Range= -1-1] [Missing=\*]

**Statistics [NW/ W]** [Valid=9513827 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	9498995	99.8%
1	Yes	14832	0.2%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### # AgeChange: Flag age changed

**Information** [Type= discrete] [Format=numeric] [Range= -1-1] [Missing=\*]

**Statistics [NW/ W]** [Valid=9513827 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	6693905	70.4%
1	Yes	2819922	29.6%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### # YrChange: Flag calendar year changed

**Information** [Type= discrete] [Format=numeric] [Range= -1-1] [Missing=\*]

**Statistics [NW/ W]** [Valid=9513827 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	6820054	71.7%
1	Yes	2693773	28.3%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### # Memberships: Number of concurrent household memberships

**Information** [Type= continuous] [Format=numeric] [Range= 1-28] [Missing=\*]

**Statistics [NW/ W]** [Valid=9513827 /-] [Invalid=0 /-] [Mean=1.073 /-] [StdDev=0.279 /-]

### # EducationStatus: Education level achieved during this calendar year

**Information** [Type= discrete] [Format=numeric] [Range= -1-99] [Missing=\*]

**Statistics [NW/ W]** [Valid=7259644 /-] [Invalid=2254183 /-]

Value	Label	Cases	Percentage
-1	Unknown	120923	1.7%
0	Grade 0	99246	1.4%

## File : SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents

### # EducationStatus: Education level achieved during this calendar year

Value	Label	Cases	Percentage
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	4.0%
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	
21	Higher Certificate	0	
22	National Diploma	0	
23	Degree	0	
24	Honours	0	
25	Masters	0	
26	Doctors	0	
31	ABET 1	0	
32	ABET 2	0	
33	ABET 3	0	
34	ABET 4	0	
41	FET 1	0	
42	FET 2	0	
43	FET 3	0	
50	LT 1 year	0	
51	Creche	0	
96	Refused	0	
97	NAD	0	
98	No education	522446	7.2%
99	Not attending	0	
Sysmiss		2254183	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

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

Value	Label	Cases	Percentage
0	None	9468978	99.5%
1	Singleton	44162	0.5%
2	Twin	676	0.0%
3	Triplet	9	0.0%
4	Quadruplet	2	0.0%

## File : SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents

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

Value	Label	Cases	Percentage
5	Quintuplets	0	
6	Sextuplets	0	
7	Septuplets	0	
8	Octuplets	0	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### # ChildrenEverBorn: Number of children ever born to individual

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-16] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=9513827 /-] [Invalid=0 /-]

### # ObservationId: Link to HouseholdObservations & HouseholdSocioEconomicStatus

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-290708] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=7821651 /-] [Invalid=1692176 /-] [Mean=161802.396 /-] [StdDev=75508.739 /-]

### # HouseholdStatusChange: Change in household socio-economic status

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= -1-1] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=8131160 /-] [Invalid=1382667 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	5795388	71.3%
1	Yes	2335772	28.7%
Sysmiss		1382667	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### # EmploymentStatus: Employment Status

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-15] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=4480713 /-] [Invalid=5033114 /-]

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

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### # EmploymentStatusChange: Flag to indicate change in employment status

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= -1-1] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=4972377 /-] [Invalid=4541450 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	4545413	91.4%
1	Yes	426964	8.6%
Sysmiss		4541450	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

## File : SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents

### # PartnerStatus: Partner Status

**Information** [Type= discrete] [Format=numeric] [Range= 0-5] [Missing=\*]

**Statistics [NW/ W]** [Valid=5948971 /-] [Invalid=3564856 /-]

Value	Label	Cases	Percentage
0	Missing/Refused	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%
Systemmiss		3564856	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### # PartnerStatusChange: Flag to indicate change in partnership status

**Information** [Type= discrete] [Format=numeric] [Range= -1-1] [Missing=\*]

**Statistics [NW/ W]** [Valid=6065582 /-] [Invalid=3448245 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	5470780	90.2%
1	Yes	594802	9.8%
Systemmiss		3448245	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### # MotherDead: Mother is dead

**Information** [Type= discrete] [Format=numeric] [Range= -1-1] [Missing=\*]

**Statistics [NW/ W]** [Valid=9513827 /-] [Invalid=0 /-]

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

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### # MotherCoresident: Mother is co-resident

**Information** [Type= discrete] [Format=numeric] [Range= -1-2] [Missing=\*]

**Statistics [NW/ W]** [Valid=9513827 /-] [Invalid=0 /-]

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

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### # FatherDead: Father is dead

**Information** [Type= discrete] [Format=numeric] [Range= -1-1] [Missing=\*]

**Statistics [NW/ W]** [Valid=9513827 /-] [Invalid=0 /-]

**File : SurveillanceEpisodesYrAgeDel\_HSE\_Labour\_Partner\_Parents****# FatherDead: Father is dead**

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

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

**# FatherCoresident: Father is co-resident**

**Information** [Type= discrete] [Format=numeric] [Range= -1-2] [Missing=\*]

**Statistics [NW/ W]** [Valid=9513827 /-] [Invalid=0 /-]

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

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

**# ParentalStatusChange: Change in parental status**

**Information** [Type= discrete] [Format=numeric] [Range= -1-1] [Missing=\*]

**Statistics [NW/ W]** [Valid=9513827 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	8983154	94.4%
1	Yes	530673	5.6%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*