

South Africa - AHRI.Surveillance Episodes YrAgeDel_HSE_Labour_Partners

Nompumelelo Mkwazi

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Identification

SURVEY ID NUMBER

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

TITLE

AHRI.Surveillance Episodes YrAgeDel_HSE_Labour_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
 SurveillanceEpisodesYTAge
 SurveillanceEpisodes YrAge_Coresidency
 SurveillanceEpisodesYrAge_HIV
 SurveillanceEpisodes VrAge_HSE
 SurveillanceEpisodes YrAge_Labour

SurveillanceEpisodesYrAge_Partners
 SurveillanceEpisodesYrAgeDel
 SurveillanceEpisodes VrAgeDel_HSE
 SurveillanceEpisodesYrAgeDeL_HSE_Labour
 SurveillanceEpisodesYrAgeDeL_HSE_Labour_Partners_Parents
 SurveillanceEpisodes VrAgeDel_HSE_Labour_Partners_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 Delivery_HSE_Labour_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 845km² 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 YrAgeDel_HSE_Labour_Partners [Data set]. Africa Health Research Institute.

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

Metadata production

DDI DOCUMENT ID

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

PRODUCERS

Name	Abbreviation
Africa Health Research Institute	AHRI

Data Dictionary

Data file	Cases	Variables
SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners	9322937	47

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners

Cases: 9322937

Variables: 47

Variables

ID	Name	Label	Question
V95	IndividualId	Unique individual identifier	
V96	Sex	Sex of individual	
V97	DoB	Date of birth	
V98	DoD	Date of death	
V99	MotherId	Mother's IndividualId	
V100	FatherId	Father's IndividualId	
V101	LocationId	Where individual was resident, household residence if non-resident	
V102	HouseholdId	Unique household identifier of the household the individual is a member of	
V103	HHRelationshipTypeId	Relationship to head of household	
V104	Resident	Whether individual is resident for duration of episode	
V105	Episode	This episode number (first=1, last=Episodes)	
V106	Episodes	Total number of episodes for individual	
V107	StartDate	Start date of episode (inclusive)	
V108	EndDate	End date of episode (inclusive)	
V109	Days	Duration in days of episode	
V110	CalendarYear	Calendar year during episode	
V111	Age	Age in completed years during episode	
V112	Born	Episode starts with the birth of the individual	
V113	Enumeration	Episode starts with an enumeration	
V114	InMigration	Episode starts with an in-migration	
V115	LocationEntry	Episode starts with an internal migration	
V116	ExtResStart	Flag to indicate start of external residence	
V117	Participation	Resumed participation after refusal	
V118	Died	Episode ends with the death of the individual	
V119	OutMigration	Episode ends with the out-migration	
V120	LocationExit	Episode ends with an internal migration	
V121	ExtResEnd	Flag to indicate end of external residence	
V122	Refusal	Individual refused follow-up	
V123	LostToFollowUp	Individual was lost to follow-up at the end of the episode	
V124	Current	Individual still under surveillance	
V125	HHRelationship	Relationship to head of household changed during this episode	
V126	MembershipStart	Flag to indicate start of household membership	
V127	MembershipEnd	Flag to indicate end of household membership	
V128	GapStart	Start of a gap in individual exposure record	
V129	GapEnd	End of gap in individual exposure record	
V130	AgeChange	Flag age changed	
V131	YrChange	Flag calendar year changed	
V132	Memberships	Number of concurrent household memberships	

ID	Name	Label	Question
V133	EducationStatus	Education level achieved during this calendar year	
V134	ChildrenBorn	Number of babies delivered at start of episode	
V135	ChildrenEverBorn	Number of children ever born to individual	
V136	ObservationId	Link to HouseholdObservations & HouseholdSocioEconomicStatus	
V137	HouseholdStatusChange	Change in household socio-economic status	
V138	EmploymentStatus	Employment Status	
V139	EmploymentStatusChange	Flag to indicate change in employment status	
V140	PartnerStatus	Partner Status	
V141	PartnerStatusChange	Flag to indicate change in partnership status	

Total: 47

FATHERID: Father's IndividualId**Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners****Overview**

Valid: 3404764 Invalid: 5918173 Minimum: 49 Maximum: 263146 Mean: 164687.917 Standard deviation: 59396.637

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_Partners****Overview**

Valid: 9322937 Invalid: 0 Minimum: 0 Maximum: 37292 Mean: 18504.585 Standard deviation: 10755.656

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_Partners****Overview**

Valid: 9322937 Invalid: 0 Minimum: 1 Maximum: 41014 Mean: 20440.308 Standard deviation: 11779.843

Type: Continuous Decimal: 0 Width: 9 Range: 1 - 41014 Format: Numeric

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

Valid: 9322937 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Head	1226045	13.2%
2	Spouse	467473	5%
3	Child	3168973	34%
4	Son/Daughter-inlaw	42724	0.5%
5	Grandchild	2063856	22.1%
6	Parent	66640	0.7%
7	Parent-inlaw	2491	0%
8	Grandparent	11340	0.1%
9	Sibling	1582822	17%

10	Other relative	20873	0.2%
11	Domestic worker/tenant	487187	5.2%
12	Unrelated/Other	182513	2%

RESIDENT: Whether individual is resident for duration of episode

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners

Overview

Valid: 9322937 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	2741446	29.4%
1	Yes	6581491	70.6%

INDIVIDUALID: Unique individual identifier

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners

Overview

Valid: 9322937 Invalid: 0 Minimum: 1 Maximum: 263153 Mean: 118826.166 Standard deviation: 77532.459
 Type: Continuous Decimal: 0 Width: 9 Range: 1 - 263153 Format: Numeric

SEX: Sex of individual

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners

Overview

Valid: 9322937 Invalid: 0
 Type: Discrete Decimal: 0 Width: 9 Range: 0 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		90	0%
1	Male	4395622	47.1%
2	Female	4927225	52.9%

3	Unknown	0	0%
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DOB: Date of birth**Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners****Overview**

Valid: 9322915 Minimum: 1793-01-01 Maximum: 2024-12-31

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

DOD: Date of death**Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners****Overview**

Valid: 782729 Minimum: 2000-01-01 Maximum: 2025-10-03

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

MOTHERID: Mother's IndividualId**Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners****Overview**

Valid: 6474174 Invalid: 2848763 Minimum: 8 Maximum: 263150 Mean: 155841.075 Standard deviation: 66259.823

Type: Continuous Decimal: 0 Width: 9 Range: 8 - 263150 Format: Numeric

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

Valid: 9322937 Invalid: 0 Minimum: 1 Maximum: 152 Mean: 28.241 Standard deviation: 22.266

Type: Continuous Decimal: 0 Width: 9 Range: 1 - 152 Format: Numeric

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

Valid: 9322937 Invalid: 0 Minimum: 1 Maximum: 152 Mean: 55.482 Standard deviation: 26.797

Type: Continuous Decimal: 0 Width: 9 Range: 1 - 152 Format: Numeric

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

Overview

Valid: 9322937 Minimum: 2000-01-01 Maximum: 2024-12-31
 Type: Discrete Width: 11 Range: - Format: character

ENDDATE: End date of episode (inclusive)

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners

Overview

Valid: 9322937 Minimum: 2000-01-01 Maximum: 2024-12-31
 Type: Discrete Width: 11 Range: - Format: character

DAYS: Duration in days of episode

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners

Overview

Valid: 9322937 Invalid: 0 Minimum: 0 Maximum: 366 Mean: 111.1 Standard deviation: 86.849
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 366 Format: Numeric

CALENDARYEAR: Calendar year during episode

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners

Overview

Valid: 9322937 Invalid: 0 Minimum: 2000 Maximum: 2024 Mean: 2013.936 Standard deviation: 7.297
 Type: Continuous Decimal: 0 Width: 9 Range: 2000 - 2024 Format: Numeric

AGE: Age in completed years during episode

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners

Overview

Valid: 9322937 Invalid: 0 Minimum: 0 Maximum: 1499 Mean: 25.832 Standard deviation: 18.289
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 1499 Format: Numeric

BORN: Episode starts with the birth of the individual

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners

Overview

Valid: 9322937 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	9273481	99.5%
1	Yes	49456	0.5%

ENUMERATION: Episode starts with an enumeration

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners

Overview

Valid: 9322937 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	9184150	98.5%
1	Yes	138787	1.5%

INMIGRATION: Episode starts with an in-migration

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners

Overview

Valid: 9322937 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	9165251	98.3%
1	Yes	157686	1.7%

LOCATIONENTRY: Episode starts with an internal migration

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners

Overview

Valid: 9322937 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	9270023	99.4%
1	Yes	52914	0.6%

EXTRESSTART: Flag to indicate start of external residence

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners

Overview

Valid: 9322937 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	9146853	98.1%
1	Yes	176084	1.9%

PARTICIPATION: Resumed participation after refusal

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners

Overview

Valid: 9322937 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	9322937	100%
1	Yes	0	0%

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

Valid: 9322937 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	9295233	99.7%
1	Yes	27704	0.3%

OUTMIGRATION: Episode ends with the out-migration**Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners****Overview**

Valid: 9322937 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	9099115	97.6%
1	Yes	223822	2.4%

LOCATIONEXIT: Episode ends with an internal migration**Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners****Overview**

Valid: 9322937 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	9270023	99.4%
1	Yes	52914	0.6%

EXTRESEND: Flag to indicate end of external residence

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners

Overview

Valid: 9322937 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	9229636	99%
1	Yes	93301	1%

REFUSAL: Individual refused follow-up

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners

Overview

Valid: 9322937 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	9320221	100%
1	Yes	2716	0%

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

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners

Overview

Valid: 9322937 Invalid: 0

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

CURRENT: Individual still under surveillance

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners

Overview

Valid: 9322937 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	9163733	98.3%
1	Yes	159204	1.7%

HHRELATIONSHIP: Relationship to head of household changed during this episode

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners

Overview

Valid: 9322937 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	9253140	99.3%
1	Yes	69797	0.7%

MEMBERSHIPSTART: Flag to indicate start of household membership

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners

Overview

Valid: 9322937 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	8977698	96.3%
1	Yes	345239	3.7%

MEMBERSHIPEND: Flag to indicate end of household membership

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners

Overview

Valid: 9322937 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	8977698	96.3%
1	Yes	345239	3.7%

GAPSTART: Start of a gap in individual exposure record

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners

Overview

Valid: 9322937 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	9308105	99.8%
1	Yes	14832	0.2%

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

Valid: 9322937 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	9308105	99.8%
1	Yes	14832	0.2%

AGECHANGE: Flag age changed**Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners****Overview**

Valid: 9322937 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	6503015	69.8%
1	Yes	2819922	30.2%

YRCHANGE: Flag calendar year changed**Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners****Overview**

Valid: 9322937 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	6629164	71.1%
1	Yes	2693773	28.9%

MEMBERSHIPS: Number of concurrent household memberships

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners

Overview

Valid: 9322937 Invalid: 0 Minimum: 1 Maximum: 28 Mean: 1.072 Standard deviation: 0.278
Type: Continuous Decimal: 0 Width: 9 Range: 1 - 28 Format: Numeric

EDUCATIONSTATUS: Education level achieved during this calendar year

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners

Overview

Valid: 7139936 Invalid: 2183001
Type: Discrete Decimal: 0 Width: 18 Range: -1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-1	Unknown	120101	1.7%
0	Grade 0	95219	1.3%
1	Grade 1	198450	2.8%
2	Grade 2	257198	3.6%
3	Grade 3	264079	3.7%
4	Grade 4	343337	4.8%
5	Grade 5	258563	3.6%
6	Grade 6	283107	4%
7	Grade 7	383526	5.4%
8	Grade 8	384028	5.4%
9	Grade 9	377269	5.3%
10	Grade 10	606648	8.5%
11	Grade 11	637187	8.9%
12	Grade 12	2410447	33.8%
13	Special School	0	0%
21	Higher Certificate	0	0%
22	National Diploma	0	0%
23	Degree	0	0%
24	Honours	0	0%

25	Masters	0	0%
26	Doctors	0	0%
31	ABET 1	0	0%
32	ABET 2	0	0%
33	ABET 3	0	0%
34	ABET 4	0	0%
41	FET 1	0	0%
42	FET 2	0	0%
43	FET 3	0	0%
50	LT 1 year	0	0%
51	Creche	0	0%
96	Refused	0	0%
97	NAD	0	0%
98	No education	520777	7.3%
99	Not attending	0	0%
Sysmiss		2183001	

CHILDRENBORN: Number of babies delivered at start of episode

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners

Overview

Valid: 9322937 Invalid: 0
 Type: Discrete Decimal: 0 Width: 11 Range: 0 - 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	None	9278088	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_Partners**Overview**

Valid: 9322937 Invalid: 0
 Type: Discrete Decimal: 0 Width: 9 Range: 0 - 16 Format: Numeric

OBSERVATIONID: Link to HouseholdObservations & HouseholdSocioEconomicStatus**Data file:** SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners**Overview**

Valid: 7660895 Invalid: 1662042 Minimum: 1 Maximum: 290708 Mean: 161751.512 Standard deviation: 75551.664
 Type: Continuous Decimal: 0 Width: 9 Range: 1 - 290708 Format: Numeric

HOUSEHOLDSTATUSCHANGE: Change in household socio-economic status**Data file:** SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners**Overview**

Valid: 7940270 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	5604498	70.6%
1	Yes	2335772	29.4%
Sysmiss		1382667	

EMPLOYMENTSTATUS: Employment Status**Data file:** SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners**Overview**

Valid: 4432190 Invalid: 4890747
 Type: Discrete Decimal: 0 Width: 15 Range: 0 - 15 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
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0	Missing/Refused	0	0%
1	Employed	1403904	31.7%
2	Part-time	224389	5.1%
13	Education	430961	9.7%
15	Unemployed	2372936	53.5%
Sysmiss		4890747	

EMPLOYMENTSTATUSCHANGE: Flag to indicate change in employment status

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners

Overview

Valid: 4781487 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	4354523	91.1%
1	Yes	426964	8.9%
Sysmiss		4541450	

PARTNERSTATUS: Partner Status

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners

Overview

Valid: 5874692 Invalid: 3448245

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	1668670	28.4%
2	Married	785673	13.4%
3	Regular	2952511	50.3%
4	Casual	163166	2.8%
5	Widowed/Separated	304672	5.2%

Sysmiss		3448245	
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PARTNERSTATUSCHANGE: Flag to indicate change in partnership status

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partners

Overview

Valid: 5874692 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	5279890	89.9%
1	Yes	594802	10.1%
Sysmiss		3448245	

Download related resources

Technical documents

DDI:Surveillance Episodes YrAgeDel_HSE_Labour_Partners

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