

South Africa - AHRI.Surveillance Episodes YrAgeDel_HSE_Labour_Partner_Parents_ HIV

Nompumelelo Mkwazi

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Identification

SURVEY ID NUMBER

AHRI.Surveillance.Episodes.YrAgeDel.HSE.Labour.Partner.Parents.HIV

TITLE

AHRI.Surveillance Episodes YrAgeDel_HSE_Labour_Partner_Parents_HIV

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

VERSION DESCRIPTION

v2.0.0

Scope

TOPICS

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

KEYWORDS

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

Coverage

GEOGRAPHIC COVERAGE

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

UNIVERSE

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

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
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Dr Kobus Herbst	AHRI, SAPRIN
Dr Guy Harling	AHRI
Dr Mark Siedner	AHRI
Prof Willem Hanekom	AHRI

PRODUCERS

Name	Abbreviation
Africa Health Research Institute	AHRI

FUNDING AGENCY/SPONSOR

Name	Abbreviation	Role
Wellcome Trust	WT	Core funding
SAPRIN	SAPRIN	

OTHER IDENTIFICATIONS/ACKNOWLEDGMENTS

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

Sampling

SAMPLING PROCEDURE

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

Data collection

DATES OF DATA COLLECTION

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

Access policy

ACCESS CONDITIONS

Access to the data requires accurate completion of the online data access application form accessible on the AHRI Data repository (<<https://data.ahri.org/>>). Data users are required to abide by the data use conditions stipulated on the application for access to the data. Failure to do so may result in their data access privileges being revoked by the Data Custodian. In order to recognise the effort and intellectual contributions of AHRI investigators in producing and curating the data, users of AHRI data must acknowledge the source of the data and abide by the terms and conditions under which the data is accessed and must cite the dataset in publication using the citation provided as part of this documentation. All analytical datasets published on the AHRI Data Repository are assigned digital object identifier (DOIs) and the DOIs can be found on the Data Repository under Study Description tab - Access policy. AHRI data users are required to always cite the dataset using the relevant DOI.

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

CITATION REQUIREMENTS

Herbst, K., Harling, G., Siedner, M., & Hanekom, W. (2026). AHRI.Surveillance Episodes

YrAgeDel_HSE_Labour_Partner_Parents_HIV [Data set]. Africa Health Research Institute.

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

Metadata production

DDI DOCUMENT ID

DDI.AHRI.Surveillance.Episodes.YrAgeDel.HSE.Labour.Partner.Parents.HIV

PRODUCERS

Name	Abbreviation
Africa Health Research Institute	AHRI

Data Dictionary

Data file	Cases	Variables
SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV	9625419	55

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV

Cases: 9625419

Variables: 55

Variables

ID	Name	Label	Question
V203	IndividualId	Unique individual identifier	
V204	Sex	Sex of individual	
V205	DoB	Date of birth	
V206	DoD	Date of death	
V207	MotherId	Mother's IndividualId	
V208	FatherId	Father's IndividualId	
V209	LocationId	Where individual was resident, household residence if non-resident	
V210	HouseholdId	Unique household identifier of the household the individual is a member of	
V211	HHRelationshipTypeId	Relationship to head of household	
V212	Resident	Whether individual is resident for duration of episode	
V213	Episode	This episode number (first=1, last=Episodes)	
V214	Episodes	Total number of episodes for individual	
V215	StartDate	Start date of episode (inclusive)	
V216	EndDate	End date of episode (inclusive)	
V217	Days	Duration in days of episode	
V218	CalendarYear	Calendar year during episode	
V219	Age	Age in completed years during episode	
V220	Born	Episode starts with the birth of the individual	
V221	Enumeration	Episode starts with an enumeration	
V222	InMigration	Episode starts with an in-migration	
V223	LocationEntry	Episode starts with an internal migration	
V224	ExtResStart	Flag to indicate start of external residence	
V225	Participation	Resumed participation after refusal	
V226	Died	Episode ends with the death of the individual	
V227	OutMigration	Episode ends with the out-migration	
V228	LocationExit	Episode ends with an internal migration	
V229	ExtResEnd	Flag to indicate end of external residence	
V230	Refusal	Individual refused follow-up	
V231	LostToFollowUp	Individual was lost to follow-up at the end of the episode	
V232	Current	Individual still under surveillance	
V233	HHRelationship	Relationship to head of household changed during this episode	
V234	MembershipStart	Flag to indicate start of household membership	
V235	MembershipEnd	Flag to indicate end of household membership	
V236	GapStart	Start of a gap in individual exposure record	
V237	GapEnd	End of gap in individual exposure record	
V238	AgeChange	Flag age changed	
V239	YrChange	Flag calendar year changed	
V240	Memberships	Number of concurrent household memberships	

ID	Name	Label	Question
V241	EducationStatus	Education level achieved during this calendar year	
V242	ChildrenBorn	Number of babies delivered at start of episode	
V243	ChildrenEverBorn	Number of children ever born to individual	
V244	ObservationId	Link to HouseholdObservations & HouseholdSocioEconomicStatus	
V245	HouseholdStatusChange	Change in household socio-economic status	
V246	EmploymentStatus	Employment Status	
V247	EmploymentStatusChange	Flag to indicate change in employment status	
V248	PartnerStatus	Partner Status	
V249	PartnerStatusChange	Flag to indicate change in partnership status	
V250	MotherDead	Mother is dead	
V251	MotherCoresident	Mother is co-resident	
V252	FatherDead	Father is dead	
V253	FatherCoresident	Father is co-resident	
V254	ParentalStatusChange	Change in parental status	
V255	HIVStatus	HIV status during this episode	
V256	HIVStatusChange	HIV Status changed during at the start of this episode	
V257	HIVSeroconversion	Individual seroconverted at the start of this episode	

Total: 55

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

Valid: 9625419 Invalid: 0 Minimum: 1 Maximum: 263153 Mean: 118316.121 Standard deviation: 77549.748

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

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

Valid: 9625419 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		93	0%
1	Male	4536295	47.1%
2	Female	5089031	52.9%
3	Unknown	0	0%

DOB: Date of birth**Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV****Overview**

Valid: 9625395 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_HIV****Overview**

Valid: 806043 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_HIV**

Overview

Valid: 6719895 Invalid: 2905524 Minimum: 8 Maximum: 263150 Mean: 155733.27 Standard deviation: 66329.951

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

FATHERID: Father's IndividualId

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV

Overview

Valid: 3546098 Invalid: 6079321 Minimum: 49 Maximum: 263146 Mean: 164643.789 Standard deviation: 59422.267

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_HIV

Overview

Valid: 9625419 Invalid: 0 Minimum: 0 Maximum: 37292 Mean: 18502.824 Standard deviation: 10754.704

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_HIV

Overview

Valid: 9625419 Invalid: 0 Minimum: 1 Maximum: 41014 Mean: 20441.1 Standard deviation: 11779.675

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

HHRELATIONSHIPTYPEID: Relationship to head of household

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV

Overview

Valid: 9625419 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Head	1251887	13%
2	Spouse	478381	5%
3	Child	3286046	34.1%
4	Son/Daughter-inlaw	43451	0.5%

5	Grandchild	2144545	22.3%
6	Parent	68129	0.7%
7	Parent-inlaw	2529	0%
8	Grandparent	11664	0.1%
9	Sibling	1627260	16.9%
10	Other relative	21202	0.2%
11	Domestic worker/tenant	502439	5.2%
12	Unrelated/Other	187886	2%

RESIDENT: Whether individual is resident for duration of episode

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV

Overview

Valid: 9625419 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	2798639	29.1%
1	Yes	6826780	70.9%

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

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV

Overview

Valid: 9625419 Invalid: 0 Minimum: 1 Maximum: 154 Mean: 29.213 Standard deviation: 23.048
Type: Continuous Decimal: 0 Width: 9 Range: 1 - 154 Format: Numeric

EPISODES: Total number of episodes for individual

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV

Overview

Valid: 9625419 Invalid: 0 Minimum: 1 Maximum: 154 Mean: 57.426 Standard deviation: 27.739
Type: Continuous Decimal: 0 Width: 9 Range: 1 - 154 Format: Numeric

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

Valid: 9625419 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_Partner_Parents_HIV****Overview**

Valid: 9625419 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_Partner_Parents_HIV****Overview**

Valid: 9625419 Invalid: 0 Minimum: 0 Maximum: 366 Mean: 107.608 Standard deviation: 85.587
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 366 Format: Numeric

CALENDARYEAR: Calendar year during episode**Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV****Overview**

Valid: 9625419 Invalid: 0 Minimum: 2000 Maximum: 2024 Mean: 2013.887 Standard deviation: 7.293
 Type: Continuous Decimal: 0 Width: 9 Range: 2000 - 2024 Format: Numeric

AGE: Age in completed years during episode**Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV****Overview**

Valid: 9625419 Invalid: 0 Minimum: 0 Maximum: 1499 Mean: 25.7 Standard deviation: 18.287
 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_Partner_Parents_HIV****Overview**

Valid: 9625419 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	9575963	99.5%
1	Yes	49456	0.5%

ENUMERATION: Episode starts with an enumeration

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV

Overview

Valid: 9625419 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	9486632	98.6%
1	Yes	138787	1.4%

INMIGRATION: Episode starts with an in-migration

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV

Overview

Valid: 9625419 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	9467733	98.4%
1	Yes	157686	1.6%

LOCATIONENTRY: Episode starts with an internal migration**Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV****Overview**

Valid: 9625419 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	9572505	99.5%
1	Yes	52914	0.5%

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

Valid: 9625419 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	9449335	98.2%
1	Yes	176084	1.8%

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

Valid: 9625419 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	9625419	100%
1	Yes	0	0%

DIED: Episode ends with the death of the individual

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV

Overview

Valid: 9625419 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	9597715	99.7%
1	Yes	27704	0.3%

OUTMIGRATION: Episode ends with the out-migration

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV

Overview

Valid: 9625419 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	9401597	97.7%
1	Yes	223822	2.3%

LOCATIONEXIT: Episode ends with an internal migration

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV

Overview

Valid: 9625419 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	9572505	99.5%
1	Yes	52914	0.5%

EXTRESEND: Flag to indicate end of external residence

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV

Overview

Valid: 9625419 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	9532118	99%
1	Yes	93301	1%

REFUSAL: Individual refused follow-up

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV

Overview

Valid: 9625419 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	9622703	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_HIV****Overview**

Valid: 9625419 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_HIV****Overview**

Valid: 9625419 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	9466215	98.3%
1	Yes	159204	1.7%

HHRELATIONSHIP: Relationship to head of household changed during this episode**Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV****Overview**

Valid: 9625419 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	9555622	99.3%
1	Yes	69797	0.7%

MEMBERSHIPSTART: Flag to indicate start of household membership**Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV**

Overview

Valid: 9625419 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	9280180	96.4%
1	Yes	345239	3.6%

MEMBERSHIPEND: Flag to indicate end of household membership

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV

Overview

Valid: 9625419 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	9280180	96.4%
1	Yes	345239	3.6%

GAPSTART: Start of a gap in individual exposure record

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV

Overview

Valid: 9625419 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	9610587	99.8%
1	Yes	14832	0.2%

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

Valid: 9625419 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	9610587	99.8%
1	Yes	14832	0.2%

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

Valid: 9625419 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	6805497	70.7%
1	Yes	2819922	29.3%

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

Valid: 9625419 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	6931646	72%
1	Yes	2693773	28%

MEMBERSHIPS: Number of concurrent household memberships

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV

Overview

Valid: 9625419 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_HIV

Overview

Valid: 7362196 Invalid: 2263223
 Type: Discrete Decimal: 0 Width: 18 Range: -1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-1	Unknown	122614	1.7%
0	Grade 0	99318	1.3%
1	Grade 1	206246	2.8%
2	Grade 2	266554	3.6%
3	Grade 3	272874	3.7%
4	Grade 4	354030	4.8%
5	Grade 5	266882	3.6%
6	Grade 6	292948	4%
7	Grade 7	397364	5.4%
8	Grade 8	401091	5.4%
9	Grade 9	394962	5.4%
10	Grade 10	629828	8.6%
11	Grade 11	657163	8.9%
12	Grade 12	2465238	33.5%
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	535084	7.3%
99	Not attending	0	0%
Sysmiss		2263223	

CHILDRENBORN: Number of babies delivered at start of episode

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV

Overview

Valid: 9625419 Invalid: 0
Type: Discrete Decimal: 0 Width: 11 Range: 0 - 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	None	9580570	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_HIV****Overview**

Valid: 9625419 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_HIV****Overview**

Valid: 7919696 Invalid: 1705723 Minimum: 1 Maximum: 290708 Mean: 161850.793 Standard deviation: 75472.377
 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_HIV****Overview**

Valid: 8242752 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	5906980	71.7%
1	Yes	2335772	28.3%
Sysmiss		1382667	

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

Valid: 4545628 Invalid: 5079791
 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	1432144	31.5%
2	Part-time	229420	5%
13	Education	445383	9.8%
15	Unemployed	2438681	53.6%
Sysmiss		5079791	

EMPLOYMENTSTATUSCHANGE: Flag to indicate change in employment status

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV

Overview

Valid: 5083969 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	4657005	91.6%
1	Yes	426964	8.4%
Sysmiss		4541450	

PARTNERSTATUS: Partner Status

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV

Overview

Valid: 6052522 Invalid: 3572897

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	1733934	28.6%
2	Married	802061	13.3%
3	Regular	3035894	50.2%

4	Casual	167520	2.8%
5	Widowed/Separated	313113	5.2%
Sysmiss		3572897	

PARTNERSTATUSCHANGE: Flag to indicate change in partnership status

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV

Overview

Valid: 6177174 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	5582372	90.4%
1	Yes	594802	9.6%
Sysmiss		3448245	

MOTHERDEAD: Mother is dead

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV

Overview

Valid: 9625419 Invalid: 0
 Type: Discrete Decimal: 0 Width: 9 Range: -1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-1	Unknown	1601147	16.6%
0	No	5618314	58.4%
1	Yes	2405958	25%

MOTHERCORESIDENT: Mother is co-resident

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV

Overview

Valid: 9625419 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
-1	Unknown	1618768	16.8%
0	No	2836518	29.5%
1	Non-resident member	907864	9.4%
2	Resident member	4262269	44.3%

FATHERDEAD: Father is dead

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV

OverviewValid: 9625419 Invalid: 0
Type: Discrete Decimal: 0 Width: 9 Range: -1 - 1 Format: Numeric**Questions and instructions**

CATEGORIES

Value	Category	Cases	
-1	Unknown	2762839	28.7%
0	No	2576767	26.8%
1	Yes	4285813	44.5%

FATHERCORESIDENT: Father is co-resident

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV

OverviewValid: 9625419 Invalid: 0
Type: Discrete Decimal: 0 Width: 19 Range: -1 - 2 Format: Numeric**Questions and instructions**

CATEGORIES

Value	Category	Cases	
-1	Unknown	2817705	29.3%
0	No	4599057	47.8%
1	Non-resident member	798364	8.3%
2	Resident member	1410293	14.7%

PARENTALSTATUSCHANGE: Change in parental status**Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV****Overview**

Valid: 9625419 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	9094746	94.5%
1	Yes	530673	5.5%

HIVSTATUS: HIV status during this episode**Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV****Overview**

Valid: 4653761 Invalid: 4971658
 Type: Discrete Decimal: 0 Width: 13 Range: 0 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Unknown	0	0%
1	Pre-negative	1511326	32.5%
2	Negative	839087	18%
3	Post-negative	1166115	25.1%
4	Pre-positive	405732	8.7%
5	Positive	724337	15.6%
9	Error	7164	0.2%
Sysmiss		4971658	

HIVSTATUSCHANGE: HIV Status changed during at the start of this episode**Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV**

Overview

Valid: 4653761 Invalid: 4971658
 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	4462760	95.9%
1	Yes	191001	4.1%
Sysmiss		4971658	

HIVSEROCONVERSION: Individual seroconverted at the start of this episode

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour_Partner_Parents_HIV

Overview

Valid: 4653761 Invalid: 4971658
 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	4648407	99.9%
1	Yes	5354	0.1%
Sysmiss		4971658	

Download related resources

Technical documents

DDI:Surveillance Episodes YrAgeDel_HSE_Labour_Partner_Parents_HIV

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