

South Africa - AHRI.Surveillance Episodes YrAgeDel_HSE_Labour

Nompumelelo Mkwazi

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

Identification

SURVEY ID NUMBER

AHRI.Surveillance.Episodes.YrAgeDel.HSE.Labour

TITLE

AHRI.Surveillance Episodes YrAgeDel_HSE_Labour

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	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 [Data set]. Africa Health Research Institute.

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

Metadata production

DDI DOCUMENT ID

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

PRODUCERS

Name	Abbreviation
Africa Health Research Institute	AHRI

Data Dictionary

Data file	Cases	Variables
SurveillanceEpisodesYrAgeDel_HSE_Labour	8677951	45

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour

Cases: 8677951

Variables: 45

Variables

ID	Name	Label	Question
V360	IndividualId	Unique individual identifier	
V361	Sex	Sex of individual	
V362	DoB	Date of birth	
V363	DoD	Date of death	
V364	MotherId	Mother's IndividualId	
V365	FatherId	Father's IndividualId	
V366	LocationId	Where individual was resident, household residence if non-resident	
V367	HouseholdId	Unique household identifier of the household the individual is a member of	
V368	HHRelationshipTypeId	Relationship to head of household	
V369	Resident	Whether individual is resident for duration of episode	
V370	Episode	This episode number (first=1, last=Episodes)	
V371	Episodes	Total number of episodes for individual	
V372	StartDate	Start date of episode (inclusive)	
V373	EndDate	End date of episode (inclusive)	
V374	Days	Duration in days of episode	
V375	CalendarYear	Calendar year during episode	
V376	Age	Age in completed years during episode	
V377	Born	Episode starts with the birth of the individual	
V378	Enumeration	Episode starts with an enumeration	
V379	InMigration	Episode starts with an in-migration	
V380	LocationEntry	Episode starts with an internal migration	
V381	ExtResStart	Flag to indicate start of external residence	
V382	Participation	Resumed participation after refusal	
V383	Died	Episode ends with the death of the individual	
V384	OutMigration	Episode ends with the out-migration	
V385	LocationExit	Episode ends with an internal migration	
V386	ExtResEnd	Flag to indicate end of external residence	
V387	Refusal	Individual refused follow-up	
V388	LostToFollowUp	Individual was lost to follow-up at the end of the episode	
V389	Current	Individual still under surveillance	
V390	HHRelationship	Relationship to head of household changed during this episode	
V391	MembershipStart	Flag to indicate start of household membership	
V392	MembershipEnd	Flag to indicate end of household membership	
V393	GapStart	Start of a gap in individual exposure record	
V394	GapEnd	End of gap in individual exposure record	
V395	AgeChange	Flag age changed	
V396	YrChange	Flag calendar year changed	
V397	Memberships	Number of concurrent household memberships	

ID	Name	Label	Question
V398	EducationStatus	Education level achieved during this calendar year	
V399	ChildrenBorn	Number of babies delivered at start of episode	
V400	ChildrenEverBorn	Number of children ever born to individual	
V401	ObservationId	Link to HouseholdObservations & HouseholdSocioEconomicStatus	
V402	HouseholdStatusChange	Change in household socio-economic status	
V403	EmploymentStatus	Employment Status	
V404	EmploymentStatusChange	Flag to indicate change in employment status	

Total: 45

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

Valid: 8677951 Invalid: 0 Minimum: 1 Maximum: 263153 Mean: 118178.206 Standard deviation: 77559.02

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

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

Valid: 8677951 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		81	0%
1	Male	4088006	47.1%
2	Female	4589864	52.9%
3	Unknown	0	0%

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

Valid: 8677929 Minimum: 1793-01-01 Maximum: 2024-12-31

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

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

Valid: 712196 Minimum: 2000-01-01 Maximum: 2025-10-03

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

MOTHERID: Mother's IndividualId**Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour**

Overview

Valid: 6047869 Invalid: 2630082 Minimum: 8 Maximum: 263150 Mean: 155262.199 Standard deviation: 66605.4
 Type: Continuous Decimal: 0 Width: 9 Range: 8 - 263150 Format: Numeric

FATHERID: Father's IndividualId

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour

Overview

Valid: 3163395 Invalid: 5514556 Minimum: 49 Maximum: 263146 Mean: 164433.65 Standard deviation: 59597.983
 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

Overview

Valid: 8677951 Invalid: 0 Minimum: 0 Maximum: 37292 Mean: 18505.606 Standard deviation: 10755.912
 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

Overview

Valid: 8677951 Invalid: 0 Minimum: 1 Maximum: 41014 Mean: 20445.426 Standard deviation: 11779.3
 Type: Continuous Decimal: 0 Width: 9 Range: 1 - 41014 Format: Numeric

HHRELATIONSHIPTYPEID: Relationship to head of household

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour

Overview

Valid: 8677951 Invalid: 0
 Type: Discrete Decimal: 0 Width: 22 Range: 1 - 12 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Head	1124301	13%
2	Spouse	438993	5.1%
3	Child	2925308	33.7%
4	Son/Daughter-inlaw	39743	0.5%

5	Grandchild	1965938	22.7%
6	Parent	61452	0.7%
7	Parent-inlaw	2242	0%
8	Grandparent	10866	0.1%
9	Sibling	1460387	16.8%
10	Other relative	17772	0.2%
11	Domestic worker/tenant	457274	5.3%
12	Unrelated/Other	173675	2%

RESIDENT: Whether individual is resident for duration of episode

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour

Overview

Valid: 8677951 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	2527413	29.1%
1	Yes	6150538	70.9%

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

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour

Overview

Valid: 8677951 Invalid: 0 Minimum: 1 Maximum: 101 Mean: 26.211 Standard deviation: 20.427
 Type: Continuous Decimal: 0 Width: 9 Range: 1 - 101 Format: Numeric

EPISODES: Total number of episodes for individual

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour

Overview

Valid: 8677951 Invalid: 0 Minimum: 1 Maximum: 101 Mean: 51.422 Standard deviation: 24.309
 Type: Continuous Decimal: 0 Width: 9 Range: 1 - 101 Format: Numeric

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

Valid: 8677951 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****Overview**

Valid: 8677951 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****Overview**

Valid: 8677951 Invalid: 0 Minimum: 0 Maximum: 366 Mean: 119.357 Standard deviation: 90.003
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 366 Format: Numeric

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

Valid: 8677951 Invalid: 0 Minimum: 2000 Maximum: 2024 Mean: 2013.848 Standard deviation: 7.197
 Type: Continuous Decimal: 0 Width: 9 Range: 2000 - 2024 Format: Numeric

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

Valid: 8677951 Invalid: 0 Minimum: 0 Maximum: 1499 Mean: 25.45 Standard deviation: 18.429
 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****Overview**

Valid: 8677951 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	8628495	99.4%
1	Yes	49456	0.6%

ENUMERATION: Episode starts with an enumeration

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour

Overview

Valid: 8677951 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	8539164	98.4%
1	Yes	138787	1.6%

INMIGRATION: Episode starts with an in-migration

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour

Overview

Valid: 8677951 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	8520265	98.2%
1	Yes	157686	1.8%

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

Valid: 8677951 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	8625037	99.4%
1	Yes	52914	0.6%

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

Valid: 8677951 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	8501867	98%
1	Yes	176084	2%

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

Valid: 8677951 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	8677951	100%
1	Yes	0	0%

DIED: Episode ends with the death of the individual

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour

Overview

Valid: 8677951 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	8650247	99.7%
1	Yes	27704	0.3%

OUTMIGRATION: Episode ends with the out-migration

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour

Overview

Valid: 8677951 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	8454129	97.4%
1	Yes	223822	2.6%

LOCATIONEXIT: Episode ends with an internal migration

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour

Overview

Valid: 8677951 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	8625037	99.4%
1	Yes	52914	0.6%

EXTRESEND: Flag to indicate end of external residence

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour

Overview

Valid: 8677951 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	8584650	98.9%
1	Yes	93301	1.1%

REFUSAL: Individual refused follow-up

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour

Overview

Valid: 8677951 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	8675235	100%
1	Yes	2716	0%

LOSTTOFOLLOWUP: Individual was lost to follow-up at the end of the episode**Data file:** SurveillanceEpisodesYrAgeDel_HSE_Labour**Overview**Valid: 8677951 Invalid: 0
Type: Discrete Decimal: 0 Width: 15 Range: 0 - 1 Format: Numeric**CURRENT: Individual still under surveillance****Data file:** SurveillanceEpisodesYrAgeDel_HSE_Labour**Overview**Valid: 8677951 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	8518747	98.2%
1	Yes	159204	1.8%

HHRELATIONSHIP: Relationship to head of household changed during this episode**Data file:** SurveillanceEpisodesYrAgeDel_HSE_Labour**Overview**Valid: 8677951 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	8608154	99.2%
1	Yes	69797	0.8%

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

Overview

Valid: 8677951 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	8332712	96%
1	Yes	345239	4%

MEMBERSHIPEND: Flag to indicate end of household membership

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour

Overview

Valid: 8677951 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	8332712	96%
1	Yes	345239	4%

GAPSTART: Start of a gap in individual exposure record

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour

Overview

Valid: 8677951 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	8663119	99.8%
1	Yes	14832	0.2%

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

Valid: 8677951 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	8663119	99.8%
1	Yes	14832	0.2%

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

Valid: 8677951 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	5858029	67.5%
1	Yes	2819922	32.5%

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

Valid: 8677951 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	5984178	69%
1	Yes	2693773	31%

MEMBERSHIPS: Number of concurrent household memberships

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour

Overview

Valid: 8677951 Invalid: 0 Minimum: 1 Maximum: 28 Mean: 1.067 Standard deviation: 0.268
 Type: Continuous Decimal: 0 Width: 9 Range: 1 - 28 Format: Numeric

EDUCATIONSTATUS: Education level achieved during this calendar year

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour

Overview

Valid: 6619800 Invalid: 2058151
 Type: Discrete Decimal: 0 Width: 18 Range: -1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-1	Unknown	113052	1.7%
0	Grade 0	94907	1.4%
1	Grade 1	196864	3%
2	Grade 2	253450	3.8%
3	Grade 3	258097	3.9%
4	Grade 4	330514	5%
5	Grade 5	245361	3.7%
6	Grade 6	264626	4%
7	Grade 7	357576	5.4%
8	Grade 8	353154	5.3%
9	Grade 9	344382	5.2%
10	Grade 10	556137	8.4%
11	Grade 11	581923	8.8%
12	Grade 12	2186303	33%
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	483454	7.3%
99	Not attending	0	0%
Sysmiss		2058151	

CHILDRENBORN: Number of babies delivered at start of episode

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour

Overview

Valid: 8677951 Invalid: 0
 Type: Discrete Decimal: 0 Width: 11 Range: 0 - 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	None	8633102	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**Overview**

Valid: 8677951 Invalid: 0
 Type: Discrete Decimal: 0 Width: 9 Range: 0 - 16 Format: Numeric

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

Valid: 7257195 Invalid: 1420756 Minimum: 1 Maximum: 290708 Mean: 162352.41 Standard deviation: 75093.074
 Type: Continuous Decimal: 0 Width: 9 Range: 1 - 290708 Format: Numeric

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

Valid: 7295284 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	4959512	68%
1	Yes	2335772	32%
Sysmiss		1382667	

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

Valid: 4136501 Invalid: 4541450
 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	1321925	32%
2	Part-time	211879	5.1%
13	Education	391488	9.5%
15	Unemployed	2211209	53.5%
Sysmiss		4541450	

EMPLOYMENTSTATUSCHANGE: Flag to indicate change in employment status

Data file: SurveillanceEpisodesYrAgeDel_HSE_Labour

Overview

Valid: 4136501 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	3709537	89.7%
1	Yes	426964	10.3%
Sysmiss		4541450	

Download related resources

Technical documents

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

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