

South Africa

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AHRI.Surveillance Episodes YrAgeDel HSE

Study Documentation

February 23, 2026

Metadata Production

Metadata Producer(s)	Africa Health Research Institute (AHRI)
Identification	DDI.AHRI.Surveillance.Episodes.YrAgeDel.HSE

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AHRI.Surveillance Episodes YrAgeDel HSE

Overview

Identification	AHRI.Surveillance.Episodes.YrAgeDel.HSE
Version	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	
Kind of Data	Event History Data
Unit of Analysis	Episodes of exposure

Scope & Coverage	
Keywords	Fertility, Mortality, Migration, Social-economic status, HIV, ART
Topics	Surveillance Episodes Year Age Delivery_HSE
Time Period(s)	2000-2024
Countries	South Africa
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 & Sponsors	
Primary Investigator(s)	Dr Kobus Herbst, AHRI, SAPRIN Dr Guy Harling, AHRI Dr Mark Siedner, AHRI Prof Willem Hanekom, AHRI
Other Producer(s)	Africa Health Research Institute (AHRI)
Funding Agency/ies	Wellcome Trust (WT) , Core funding SAPRIN (SAPRIN)
Other Acknowledgment(s)	AHRI Research Data Management Team , Research Data Management , AHRI AHRI Data Collection Team , Data Collection , AHRI AHRI Community Engagement Team , Community Engagement , AHRI

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

Data Collection

Data Collection Dates	start 2000-01-01 end 2024-12-31
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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 [Data set]. Africa Health Research Institute.

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

Files Description

Dataset contains 1 file(s)

SurveillanceEpisodesYrAgeDel_HSE	
# Cases	8290640
# Variable(s)	43

Variables List

Dataset contains 43 variable(s)

File SurveillanceEpisodesYrAgeDel_HSE							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	Individu..	Unique individual identifier	continuous	numeric-9.0	8290640	0	-
2	Sex	Sex of individual	discrete	numeric-9.0	8290640	0	-
3	DoB	Date of birth	discrete	character-11	8290618	-	-
4	DoD	Date of death	discrete	character-11	669159	-	-
5	MotherId	Mother's IndividualId	continuous	numeric-9.0	5794566	2496074	-
6	FatherId	Father's IndividualId	continuous	numeric-9.0	3015463	5275177	-
7	LocationId	Where individual was resident, household residence if non-resident	continuous	numeric-9.0	8290640	0	-
8	Househol..	Unique household identifier of the household the individual is a member of	continuous	numeric-9.0	8290640	0	-
9	HHRelati..	Relationship to head of household	discrete	numeric-22.0	8290640	0	-
10	Resident	Whether individual is resident for duration of episode	discrete	numeric-15.0	8290640	0	-
11	Episode	This episode number (first=1, last=Episodes)	continuous	numeric-9.0	8290640	0	-
12	Episodes	Total number of episodes for individual	continuous	numeric-9.0	8290640	0	-
13	StartDate	Start date of episode (inclusive)	discrete	character-11	8290640	-	-
14	EndDate	End date of episode (inclusive)	discrete	character-11	8290640	-	-
15	Days	Duration in days of episode	continuous	numeric-9.0	8290640	0	-
16	Calendar..	Calendar year during episode	continuous	numeric-9.0	8290640	0	-
17	Age	Age in completed years during episode	continuous	numeric-9.0	8290640	0	-
18	Born	Episode starts with the birth of the individual	discrete	numeric-15.0	8290640	0	-
19	Enumerat..	Episode starts with an enumeration	discrete	numeric-15.0	8290640	0	-
20	InMigrat..	Episode starts with an in-migration	discrete	numeric-15.0	8290640	0	-
21	Location..	Episode starts with an internal migration	discrete	numeric-15.0	8290640	0	-
22	ExtResSt..	Flag to indicate start of external residence	discrete	numeric-15.0	8290640	0	-
23	Particip..	Resumed participation after refusal	discrete	numeric-15.0	8290640	0	-
24	Died	Episode ends with the death of the individual	discrete	numeric-15.0	8290640	0	-

File SurveillanceEpisodesYrAgeDel_HSE							
#	Name	Label	Type	Format	Valid	Invalid	Question
25	OutMigra ..	Episode ends with the out-migration	discrete	numeric-15.0	8290640	0	-
26	Location ..	Episode ends with an internal migration	discrete	numeric-15.0	8290640	0	-
27	ExtResEnd	Flag to indicate end of external residence	discrete	numeric-15.0	8290640	0	-
28	Refusal	Individual refused follow-up	discrete	numeric-15.0	8290640	0	-
29	LostToFo ..	Individual was lost to follow-up at the end of the episode	discrete	numeric-15.0	8290640	0	-
30	Current	Individual still under surveillance	discrete	numeric-15.0	8290640	0	-
31	HHRelati ..	Relationship to head of household changed during this episode	discrete	numeric-15.0	8290640	0	-
32	Membersh ..	Flag to indicate start of household membership	discrete	numeric-15.0	8290640	0	-
33	Membersh ..	Flag to indicate end of household membership	discrete	numeric-15.0	8290640	0	-
34	GapStart	Start of a gap in individual exposure record	discrete	numeric-15.0	8290640	0	-
35	GapEnd	End of gap in individual exposure record	discrete	numeric-15.0	8290640	0	-
36	AgeChange	Flag age changed	discrete	numeric-15.0	8290640	0	-
37	YrChange	Flag calendar year changed	discrete	numeric-15.0	8290640	0	-
38	Membersh ..	Number of concurrent household memberships	continuous	numeric-9.0	8290640	0	-
39	Educatio ..	Education level achieved during this calendar year	discrete	numeric-18.0	6249036	2041604	-
40	Children ..	Number of babies delivered at start of episode	discrete	numeric-11.0	8290640	0	-
41	Children ..	Number of children ever born to individual	discrete	numeric-9.0	8290640	0	-
42	Observat ..	Link to HouseholdObservations & HouseholdSocioEconomicStat	continuous	numeric-9.0	6907973	1382667	-
43	Househol ..	Change in household socio-economic status	discrete	numeric-15.0	6907973	1382667	-

Variables Description

Dataset contains 43 variable(s)

File : SurveillanceEpisodesYrAgeDel_HSE

IndividualId: Unique individual identifier

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

Statistics [NW/ W] [Valid=8290640 /-] [Invalid=0 /-] [Mean=117788.272 /-] [StdDev=77573.05 /-]

Sex: Sex of individual

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

Statistics [NW/ W] [Valid=8290640 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0		79	0.0%
1	Male	3901605	47.1%
2	Female	4388956	52.9%
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=8290618 /-]

DoD: Date of death

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

Statistics [NW/ W] [Valid=669159 /-]

MotherId: Mother's IndividualId

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

Statistics [NW/ W] [Valid=5794566 /-] [Invalid=2496074 /-] [Mean=154735.675 /-] [StdDev=66906.783 /-]

FatherId: Father's IndividualId

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

Statistics [NW/ W] [Valid=3015463 /-] [Invalid=5275177 /-] [Mean=164147.221 /-] [StdDev=59820.072 /-]

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

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

Statistics [NW/ W] [Valid=8290640 /-] [Invalid=0 /-] [Mean=18502.098 /-] [StdDev=10756.575 /-]

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=8290640 /-] [Invalid=0 /-] [Mean=20446.6 /-] [StdDev=11780.896 /-]

HHRelationshipTypeId: Relationship to head of household

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

Statistics [NW/ W] [Valid=8290640 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Head	1061753	12.8%
2	Spouse	417007	5.0%
3	Child	2772145	33.4%
4	Son/Daughter-inlaw	37519	0.5%
5	Grandchild	1915155	23.1%
6	Parent	58906	0.7%

File : SurveillanceEpisodesYrAgeDel_HSE

HHRelationshipTypeId: Relationship to head of household

Value	Label	Cases	Percentage
7	Parent-inlaw	2135	0.0%
8	Grandparent	10670	0.1%
9	Sibling	1389384	16.8%
10	Other relative	16455	0.2%
11	Domestic worker/tenant	440493	5.3%
12	Unrelated/Other	169018	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

Information	[Type= discrete] [Format=numeric] [Range= -1-1] [Missing=*]
Statistics [NW/ W]	[Valid=8290640 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	2375535	28.7%
1	Yes	5915105	71.3%

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.

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

Information	[Type= continuous] [Format=numeric] [Range= 1-96] [Missing=*]
Statistics [NW/ W]	[Valid=8290640 /-] [Invalid=0 /-] [Mean=24.849 /-] [StdDev=19.208 /-]

Episodes: Total number of episodes for individual

Information	[Type= continuous] [Format=numeric] [Range= 1-96] [Missing=*]
Statistics [NW/ W]	[Valid=8290640 /-] [Invalid=0 /-] [Mean=48.698 /-] [StdDev=22.677 /-]

StartDate: Start date of episode (inclusive)

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=8290640 /-]

EndDate: End date of episode (inclusive)

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=8290640 /-]

Days: Duration in days of episode

Information	[Type= continuous] [Format=numeric] [Range= 1-366] [Missing=*]
Statistics [NW/ W]	[Valid=8290640 /-] [Invalid=0 /-] [Mean=124.933 /-] [StdDev=91.777 /-]

CalendarYear: Calendar year during episode

Information	[Type= continuous] [Format=numeric] [Range= 2000-2024] [Missing=*]
Statistics [NW/ W]	[Valid=8290640 /-] [Invalid=0 /-] [Mean=2013.791 /-] [StdDev=7.246 /-]

Age: Age in completed years during episode

Information	[Type= continuous] [Format=numeric] [Range= 0-1499] [Missing=*]
Statistics [NW/ W]	[Valid=8290640 /-] [Invalid=0 /-] [Mean=25.15 /-] [StdDev=18.559 /-]

Born: Episode starts with the birth of the individual

Information	[Type= discrete] [Format=numeric] [Range= -1-1] [Missing=*]
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File : SurveillanceEpisodesYrAgeDel_HSE

Born: Episode starts with the birth of the individual

Statistics [NW/ W] [Valid=8290640 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	8241184	99.4%
1	Yes	49456	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.

Enumeration: Episode starts with an enumeration

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

Statistics [NW/ W] [Valid=8290640 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	8151853	98.3%
1	Yes	138787	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.

InMigration: Episode starts with an in-migration

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

Statistics [NW/ W] [Valid=8290640 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	8132954	98.1%
1	Yes	157686	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.

LocationEntry: Episode starts with an internal migration

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

Statistics [NW/ W] [Valid=8290640 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	8237726	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=8290640 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	8114556	97.9%
1	Yes	176084	2.1%

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=8290640 /-] [Invalid=0 /-]

File : SurveillanceEpisodesYrAgeDel_HSE

Participation: Resumed participation after refusal

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	8290640	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

Information	[Type= discrete] [Format=numeric] [Range= -1-1] [Missing=*]
Statistics [NW/ W]	[Valid=8290640 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	8262936	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

Information	[Type= discrete] [Format=numeric] [Range= -1-1] [Missing=*]
Statistics [NW/ W]	[Valid=8290640 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	8066818	97.3%
1	Yes	223822	2.7%

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.

LocationExit: Episode ends with an internal migration

Information	[Type= discrete] [Format=numeric] [Range= -1-1] [Missing=*]
Statistics [NW/ W]	[Valid=8290640 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	8237726	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

Information	[Type= discrete] [Format=numeric] [Range= -1-1] [Missing=*]
Statistics [NW/ W]	[Valid=8290640 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	8197339	98.9%
1	Yes	93301	1.1%

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

Information	[Type= discrete] [Format=numeric] [Range= -1-1] [Missing=*]
Statistics [NW/ W]	[Valid=8290640 /-] [Invalid=0 /-]

File : SurveillanceEpisodesYrAgeDel_HSE

Refusal: Individual refused follow-up

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	8287924	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

Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]
Statistics [NW/ W]	[Valid=8290640 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0		8277779	99.8%
1		12861	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.

Current: Individual still under surveillance

Information	[Type= discrete] [Format=numeric] [Range= -1-1] [Missing=*]
Statistics [NW/ W]	[Valid=8290640 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	8131436	98.1%
1	Yes	159204	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.

HHRelationship: Relationship to head of household changed during this episode

Information	[Type= discrete] [Format=numeric] [Range= -1-1] [Missing=*]
Statistics [NW/ W]	[Valid=8290640 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	8220843	99.2%
1	Yes	69797	0.8%

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

Information	[Type= discrete] [Format=numeric] [Range= -1-1] [Missing=*]
Statistics [NW/ W]	[Valid=8290640 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	7945401	95.8%
1	Yes	345239	4.2%

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.

MembershipEnd: Flag to indicate end of household membership

Information	[Type= discrete] [Format=numeric] [Range= -1-1] [Missing=*]
Statistics [NW/ W]	[Valid=8290640 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	

File : SurveillanceEpisodesYrAgeDel_HSE

MembershipEnd: Flag to indicate end of household membership

Value	Label	Cases	Percentage
0	No	7945401	95.8%
1	Yes	345239	4.2%

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.

GapStart: Start of a gap in individual exposure record

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

Statistics [NW/ W] [Valid=8290640 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	8275808	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=8290640 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	8275808	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=8290640 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	5470718	66.0%
1	Yes	2819922	34.0%

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.

YrChange: Flag calendar year changed

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

Statistics [NW/ W] [Valid=8290640 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	5596867	67.5%
1	Yes	2693773	32.5%

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.

Memberships: Number of concurrent household memberships

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

Statistics [NW/ W] [Valid=8290640 /-] [Invalid=0 /-] [Mean=1.066 /-] [StdDev=0.266 /-]

EducationStatus: Education level achieved during this calendar year

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

File : SurveillanceEpisodesYrAgeDel_HSE

EducationStatus: Education level achieved during this calendar year

Statistics [NW/ W] [Valid=6249036 /-] [Invalid=2041604 /-]

Value	Label	Cases	Percentage
-1	Unknown	105595	1.7%
0	Grade 0	94753	1.5%
1	Grade 1	195815	3.1%
2	Grade 2	250984	4.0%
3	Grade 3	254151	4.1%
4	Grade 4	322782	5.2%
5	Grade 5	240642	3.9%
6	Grade 6	258972	4.1%
7	Grade 7	344701	5.5%
8	Grade 8	338810	5.4%
9	Grade 9	324358	5.2%
10	Grade 10	513765	8.2%
11	Grade 11	529868	8.5%
12	Grade 12	2010886	32.2%
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	462954	7.4%
99	Not attending	0	
Sysmiss		2041604	

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

Information [Type= discrete] [Format=numeric] [Range= 0-8] [Missing=*]

Statistics [NW/ W] [Valid=8290640 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0	None	8245791	99.5%

File : SurveillanceEpisodesYrAgeDel_HSE

ChildrenBorn: Number of babies delivered at start of episode

Value	Label	Cases	Percentage
1	Singleton	44162	0.5%
2	Twin	676	0.0%
3	Triplet	9	0.0%
4	Quadruplet	2	0.0%
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

Information	[Type= discrete] [Format=numeric] [Range= 0-16] [Missing=*]
Statistics [NW/ W]	[Valid=8290640 /-] [Invalid=0 /-]

ObservationId: Link to HouseholdObservations & HouseholdSocioEconomicStatus

Information	[Type= continuous] [Format=numeric] [Range= 1-290708] [Missing=*]
Statistics [NW/ W]	[Valid=6907973 /-] [Invalid=1382667 /-] [Mean=162438.905 /-] [StdDev=75029.147 /-]

HouseholdStatusChange: Change in household socio-economic status

Information	[Type= discrete] [Format=numeric] [Range= -1-1] [Missing=*]
Statistics [NW/ W]	[Valid=6907973 /-] [Invalid=1382667 /-]

Value	Label	Cases	Percentage
-1	Unknown/Missing	0	
0	No	4572201	66.2%
1	Yes	2335772	33.8%
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.