South Africa

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AHRI.Core Dataset:Household Residencies

Study Documentation

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Metadata Production

Metadata Producer(s)	Africa Health Research Institute (AHRI)
Identification	DDI.AHRI.RD01-08.HDSS.HouseholdResidencies

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AHRI.Core Dataset:Household Residencies

Overview

Identification	AHRI.RD01-08.HDSS.HouseholdResidencies
Version	1.1.0

Abstract

This table links Households to Bounded Structures. A Household can only have one Residency episode at a time. i.e. Residencies do not overlap. The Start Event of the Household coincides with Start Event of its first HouseholdResidency. Equally, its End Event coincides with the End Event of its last HouseholdResidency. Gaps in a Household's Residency episodes will occur when a Household moves outside the DSA area. Typically Residencies start with DSS (already there at DSS start) or an inmigration of some sort, while they normally end with a Visit (i.e.still there at most recent DS Round) or an outmigration or death of last member.

Unit of Analysis	Individuals

Topics	Household Residencies
Time Period(s)	2000-2023
Countries	South Africa

Producers & Sponsors

Primary Investigator(s)	Kobus Herbst, Africa Health Research Institute; South African Population Research Infrastructure Network Thobeka Mngomezulu, Africa Health Research Institute Dickman Gareta, Africa Health Research Institute
Other Producer(s)	Africa Health Research Institute (AHRI)
Other Acknowledgment(s)	Mpukunyoni community for their participation in the Population Intervention Programme

Data Collection

Data Collection Dates	start 2000-01-01 end 2023-12-03

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.

Files Description

Dataset contains 1 file(s)

RD01-08 ACDIS Household Residencies	
# Cases	42728
# Variable(s)	9

Variables List

Dataset contains 9 variable(s)

File RD01-08 ACDIS Household Residencies							
#	**Name**	**Label**	**Type**	**Format**	**Valid**	**Invalid**	**Question**
1	HRIntId	Unique Internal Id of HouseholdResidencies's	continuous	numeric-12.0	42728	0	-
2	HHIntId	Unique Internal Id of Household	continuous	numeric-12.0	42728	0	-
3	BSIntId	Unique Internal Id of BoundedStructures	continuous	numeric-12.0	42728	0	-
4	HRStartE ..	HouseholdResidencies's first event	continuous	numeric-12.0	42728	0	-
5	HRStartD ..	Date the HouseholdResidencies's first event	discrete	character-11	42728	-	-
6	HRStartT ..	Type of HouseholdResidencies's first event	discrete	numeric-12.0	42728	0	-
7	HREndEvent	HouseholdResidencies's last event	continuous	numeric-12.0	42728	0	-
8	HREndDate	Date the HouseholdResidencies's last event	discrete	character-11	42728	-	-
9	HREndType	Type of HouseholdResidencies's last event	discrete	numeric-12.0	42728	0	-

Variables Description

Dataset contains 9 variable(s)

File : RD01-08 ACDIS Household Residencies

HRIntId: Unique Internal Id of HouseholdResidencies's

Information	[Type= continuous] [Format=numeric] [Range= 11-49266] [Missing=*]
Statistics [NW/ W]	[Valid=42728 /-] [Invalid=0 /-] [Mean=24998.885 /-] [StdDev=14943.723 /-]

HHIntId: Unique Internal Id of Household

Information	[Type= continuous] [Format=numeric] [Range= 11-47423] [Missing=*]
Statistics [NW/ W]	[Valid=42728 /-] [Invalid=0 /-] [Mean=23440.772 /-] [StdDev=14590.068 /-]

BSIntId: Unique Internal Id of BoundedStructures

Information	[Type= continuous] [Format=numeric] [Range= 11-355646] [Missing=*]
Statistics [NW/ W]	[Valid=42728 /-] [Invalid=0 /-] [Mean=29262.192 /-] [StdDev=64957.737 /-]

HRStartEvent: HouseholdResidencies's first event

Information	[Type= continuous] [Format=numeric] [Range= 2-3432507] [Missing=*]
Statistics [NW/ W]	[Valid=42728 /-] [Invalid=0 /-] [Mean=938511.392 /-] [StdDev=1130314.998 /-]

HRStartDate: Date the HouseholdResidencies's first event

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=42728 /-]

HRStartType: Type of HouseholdResidencies's first event

Information	[Type= discrete] [Format=numeric] [Range= 10-999] [Missing=*]
Statistics [NW/ W]	[Valid=42728 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
10	Visit	0	
21	DS Round Start	0	
22	DS Start	19105	44.7%
23	DS End	0	
24	WeekBlock Assignment	0	
31	Construction	0	
32	Destruction	0	
33	BS Reformation	0	
34	BS Splitting	0	
35	BS Merging	0	
41	BS Type Change	0	
42	BS State Change	0	
51	Household Formation	17094	40.0%
52	Household Dissolution	0	
53	Household Reformation	0	
54	Household Splitting	0	
55	Household Merging	0	
60	Household Migration	0	
61	Internal Household Migration	3248	7.6%
62	External Household Migration	0	
63	External Household InMigration	3106	7.3%
64	External Household OutMigration	0	
70	Pregnancy Start	0	

File : RD01-08 ACDIS Household Residencies

HRStartType: Type of HouseholdResidencies's first event

Value	Label	Cases	Percentage
71	Last Menstrual Period	0	
80	Pregnancy End (unspecified)	0	
81	Abortion	0	
82	Delivery	0	
90	Death	0	
99	Counsellor Contact	0	
100	Counseling or Health Contact	0	
101	Household Membership Start	0	
102	Household Membership End	0	
103	Household Membership Restart	0	
110	Individual Migration	0	
111	Internal Individual Migration	0	
112	External Individual Migration	0	
113	External Individual InMigration	0	
114	External Individual OutMigration	0	
120	Induna Change	0	
121	Induna Nomination	0	
122	Induna Resignation / Removal	0	
130	Household Head Change	0	
140	HH Head Relationship Change	0	
150	Conjugal Relationship Start	0	
151	Marriage	0	
160	Conjugal Relationship End	0	
161	Divorce	0	
162	Separation	0	
171	AnteNatal Care Visit	0	
172	Vaccination	0	
180	ACDIS Job Start	0	
190	_none	0	
193	_refused	174	0.4%
194	_query	0	
195	_default	0	
196	_other	0	
197	_non applicable	0	
198	_don't know	0	
199	_missing	0	
200	_Not_Yet_Occurred	0	
201	DS Round End	0	
202	BS Weekblock Assignment change	0	
203	Study Assignment Start	0	
204	_refused end	1	0.0%
207	Study Assignment End	0	
210	Secondary Type Start	0	

File : RD01-08 ACDIS Household Residencies

HRStartType: Type of HouseholdResidencies's first event

Value	Label	Cases	Percentage
211	Secondary Type End	0	
212	Secondary Type Merge	0	
213	Birth Registration Visit	0	
220	Grant Receipt Start	0	
221	Grant Receipt End	0	
999	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.

HREndEvent: HouseholdResidencies's last event

Information	[Type= continuous] [Format=numeric] [Range= 26173-99999991] [Missing=*]
Statistics [NW/ W]	[Valid=42728 /-] [Invalid=0 /-] [Mean=3601119.404 /-] [StdDev=10152306.914 /-]

HREndDate: Date the HouseholdResidencies's last event

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=42728 /-]

HREndType: Type of HouseholdResidencies's last event

Information	[Type= discrete] [Format=numeric] [Range= 10-999] [Missing=*]
Statistics [NW/ W]	[Valid=42728 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
10	Visit	23113	54.1%
21	DS Round Start	0	
22	DS Start	0	
23	DS End	0	
24	WeekBlock Assignment	0	
31	Construction	0	
32	Destruction	0	
33	BS Reformation	0	
34	BS Splitting	0	
35	BS Merging	0	
41	BS Type Change	0	
42	BS State Change	0	
51	Household Formation	0	
52	Household Dissolution	5168	12.1%
53	Household Reformation	0	
54	Household Splitting	0	
55	Household Merging	0	
60	Household Migration	337	0.8%
61	Internal Household Migration	7788	18.2%
62	External Household Migration	0	
63	External Household InMigration	0	
64	External Household OutMigration	5111	12.0%
70	Pregnancy Start	0	
71	Last Menstrual Period	0	

File : RD01-08 ACDIS Household Residencies

HREndType: Type of HouseholdResidencies's last event

Value	Label	Cases	Percentage
80	Pregnancy End (unspecified)	0	
81	Abortion	0	
82	Delivery	0	
90	Death	0	
99	Counsellor Contact	0	
100	Counseling or Health Contact	0	
101	Household Membership Start	0	
102	Household Membership End	0	
103	Household Membership Restart	0	
110	Individual Migration	0	
111	Internal Individual Migration	0	
112	External Individual Migration	0	
113	External Individual InMigration	0	
114	External Individual OutMigration	0	
120	Induna Change	0	
121	Induna Nomination	0	
122	Induna Resignation / Removal	0	
130	Household Head Change	0	
140	HH Head Relationship Change	0	
150	Conjugal Relationship Start	0	
151	Marriage	0	
160	Conjugal Relationship End	0	
161	Divorce	0	
162	Separation	0	
171	AnteNatal Care Visit	0	
172	Vaccination	0	
180	ACDIS Job Start	0	
190	_none	0	
193	_refused	747	1.7%
194	_query	0	
195	_default	0	
196	_other	0	
197	_non applicable	0	
198	_don't know	0	
199	_missing	0	
200	_Not_Yet_Occurred	463	1.1%
201	DS Round End	0	
202	BS Weekblock Assignment change	0	
203	Study Assignment Start	0	
204	_refused end	1	0.0%
207	Study Assignment End	0	
210	Secondary Type Start	0	
211	Secondary Type End	0	

File : RD01-08 ACDIS Household Residencies

HREndType: Type of HouseholdResidencies's last event

Value	Label	Cases	Percentage
212	Secondary Type Merge	0	
213	Birth Registration Visit	0	
220	Grant Receipt Start	0	
221	Grant Receipt End	0	
999	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.