



Africa Centre Demographic Information System (ACDIS)

Analytical Dataset Documentation

Change History

<u>Who</u>	<u>When</u>	<u>What</u>
Colin Newell	18 May 2006	Original
Colin Newell	4 July 2006	Removed now-obsolete Validity and VNotes columns
Colin Newell	26 th August 2007	Added label variables
Colin Newell	28 May 2008	Added HRStartEvent and HREndEvent to allow linking to new Migrations dataset

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Dataset name	HouseholdResidencies
Description	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 immigration 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.
Rows/Units of analysis	One row per Household Residency
Unique identifier(s)	HHRIntId is unique. HHINtId + BSIntID is not unique because a small number of households have 2 or more Residency Episodes at one BS i.e. they moved away and later came back.
Approx. number of rows	Approaching 20,900 as at Jan 2010

HouseholdResidencies Dataset Variable List

Variable Name	Description	Source in ACDIS database	Format/Codes/Special values	Notes/comments
HRIntId	Unique Id of HH residency	<i>HouseholdResidencies.IntId</i>	Integer 1 – 26,000 and increasing	Meaningless unique key.
HHIntId	Unique Id of Household	<i>HouseholdResidencies.Household</i>	Integer 1 – 24,500 No blank or missing values	Can be used to link to Households dataset
BSIntId	Unique Id of Bounded Structure	<i>HouseholdResidencies.BoundedStructure</i>	Integer 1 – 16,200 One 99998 missing value	Provides link to BoundedStructures dataset
HRStartEvent	Residency episode Start event Id	<i>HouseholdResidencies.StartEvent</i>	Integer	Only useful for linking to Migrations dataset.
HRStartDate	Start Date of Household Residency	The Date of the Event (i.e. <i>Events.AssignedDate</i>) linked to the to <i>HouseholdResidencies.StartEvent</i>	Date. Range is 1 st Jan 2000 to present plus a small handful of missing values as 1 Jan 1798 (Don't Know) 1 Jan 1799 (Missing)	
HRStartType	Start Type of Household Residency	The Type of the Event (i.e. <i>Events.Type</i>) linked to the to <i>HouseholdResidencies.StartEvent</i>	Three-letter codes DSS DSS Start EHI Ext. HH Inmign HFM HH formation HMS HH M'ship start IHM Int HH Inmign Labels given in next variable	70% DSS
HRStartTypeName	Label associated with codes in previous variable	<i>EventTypes.Name</i>	Text	

HouseholdResidencies Dataset Variable List

Variable Name	Description	Source in ACDIS database	Format/Codes/Special values	Notes/comments
HREndEvent	Residency episode End event Id	<i>HouseholdResidencies.EndEvent</i>	Integer	Only useful for linking to Migrations dataset.
HREndDate	End Date of Household Residency	The Date of the Event (i.e. <i>Events.AssignedDate</i>) linked to the to <i>HouseholdResidencies.EndEvent</i>	Date Range is 1 st Jan 2000 to present, plus a few missing values as 1 Jan 1795 (Default) 1 Jan 1797 (Not Applic.) 1 Jan 1798 (Don't Know) 1 Jan 1799 (Missing)	
HREndType	End Type of Household Residency	The Type of the Event (i.e. <i>Events.Type</i>) linked to the to <i>HouseholdResidencies.EndEvent</i>	Three-letter codes including EHO Ext. HH Outmign HDS HH Dissolution HMG HH Migration IHM Internal HH Mign VIS Visit Labels are available in next variable	66% are VISit
HREndTypeName	Label associated with codes in previous variable	<i>EventTypes.Name</i>	Text	

SQL

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/*
<Author>Colin Newell</Author>
<Date>18 May 2006</Date>
<Category>Dataset</Category>
<Notes>
Requested by: Core dataset

Request: To produce a HouseholdResidencies analytical dataset
</Notes>
<ChangeHistory>
C Newell    4 July 2006    Removed now-obsolete columns Validity and VNotes

C Newell    31 Oct  2006    Turned dates from Text to date (ie. no conversion)

C Newell    26 Aug  2007    Added 'Label' variables

C Newell    28 May  2008    Added HRStartEvent and HREndEvent for linking to Migrations.

</ChangeHistory>
*/
ALTER VIEW _HouseholdResidencies
AS
SELECT
    hr.IntID AS HRIntId,
    hr.Household AS HHIntId,
    hr.BoundedStructure AS BSIntId,

    hr.StartEvent as HRStartEvent,
    se.AssignedDate AS HRStartDate,
    se.Type AS HRStartType,
    setp.[Name] AS HRStartTypeName,

    hr.EndEvent AS HREndEvent,
    ee.AssignedDate AS HREndDate,
    ee.Type AS HREndType,
    eetp.[Name] AS HREndTypeName
FROM HouseholdResidencies hr
LEFT JOIN Events se on se.IntId = hr.StartEvent
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LEFT JOIN EventTypes setp ON se.Type = setp.Code  
LEFT JOIN Events ee on ee.IntId = hr.EndEvent  
LEFT JOIN EventTypes eetp ON ee.Type = eetp.Code
```