

Africa Centre Demographic Information System (ACDIS)

Analytical Dataset Documentation

Change History

<u>Who</u>	<u>When</u>	<u>What</u>
Colin Newell	19 May 2006	Original
Colin Newell	4 July 2006	Removed now-obsolete Validity and VNotes columns
Colin Newell	25 Aug 2007	Added 'label' variables. Removed VP Dates

Dataset name	HHHeadRelationships
Description	Records the type of relationship an individual has to the Head of Household e.g. Wife, Child, Self. Is a sub-table of <i>HouseholdMemberships</i> because one's head relationship will always change when one's household membership changes, and may also change within one Household Membership episode – e.g. if current Household Head dies or moves away.
Rows/Units of analysis	Household Head Relationship
Unique identifier(s)	HHeadRelationshipID
Approx. number of rows	Approaching 175,000 at time of writing

HHHeadRelationships Dataset Variable List

Variable Name	Description	Source in ACDIS database	Format/Codes/Special values	Notes/comments
HHHeadRelationshipID	Unique Id of HH Head Relationship	<i>HHHeadRelationships.IntId</i>	Integer 1 - ~195,000+	Meaningless unique key.
IIntId	Unique Id of Individual	<i>HouseholdMemberships.RegisteredIndividual</i>	Integer 1 - ~150,000+ Plus a handful 888801-888820. No blanks	This is the person whose relationship to Head of Household is being recorded
HHIntId	Unique Id of Household	<i>HouseholdMemberships.Household</i>	Integer 1 - ~24,500+ Plus a handful of 888888. No blanks	Can be used to link to Household
HMIIntId	Unique Id of related Household membership	<i>HouseholdMemberships.IntId</i>	Integer 1 - ~185,000 No blank, no missings	Can be used to link to HouseholsMemberships dataset
HHHRelationType	Type of relationship of IIntId to Head of Household	<i>HHHeadRelationships.Type</i>	Three letter code. e.g. SLF – Self i.e. they are Household Head TEN – Tenant CHD Child etc No blanks.	See next variable for associated text labels
HHRelationTypeName	Label associated with code in previous variable	<i>RelationshipTypes.Name</i>	Text	

HHHeadRelationships Dataset Variable List

Variable Name	Description	Source in ACDIS database	Format/Codes/Special values	Notes/comments
HHHStartDate	Start Date of episode	The Date of the Event (i.e. <i>Events.AssignedDate</i>) linked to the to <i>HHHeadRelationships.StartEvent</i>	Date Range is 1 Jan 2000 to present plus a small handful (~30) of missing values as 1 Jan 1795 (_Default) 1 Jan 1797 (Not Applic.) 1 Jan 1798 (Don't Know) 1 Jan 1799 (Missing)	
HHHStartType	Start Type of episode	The Type of the Event (i.e. <i>Events.Type</i>) linked to the to <i>HHHeadRelationships.StartEvent</i>	Three-letter code. See next variable for associated text labels	64% DSS start. Others commonly Visit, Delivery or Inmigrations
HHHStartTypeName	Label associated with code in previous variable	<i>EventTypes.Name</i>	Text	
HHHEndDate	End date of episode	The Date of the Event (i.e. <i>Events.AssignedDate</i>) linked to the to <i>HHHeadRelationships.EndEvent</i>	Date. Range is 1 Jan 2000 to present plus a small handful (~90) of missing values as 1 Jan 1793 (Refused) 1 Jan 1775 (_Default) 1 Jan 1797 (Not Applic.) 1 Jan 1798 (Don't Know) 1 Jan 1799 (Missing)	
HHHEndType	End Type of episode	The Type of the Event (i.e. <i>Events.Type</i>) linked to the to <i>HHHeadRelationships.EndEvent</i>	Three-letter code. See next variable for associated text labels	74% Visit. Others commonly Outmigrations or Death
HHHEndTypeName	Label associated with code in previous variable	<i>EventTypes.Name</i>	Text	

SQL

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

Request: To produce a HHHeadRelationships 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    25 Aug  2007    Added 'label' variables
                           removed VP date strings - not useful to analysts

</ChangeHistory>
select * from _HHHeadRelationships

*/
ALTER VIEW _HHHeadRelationships
AS
SELECT
  hhhr.IntID AS HHHeadRelationshipId,
  hm.RegisteredIndividual AS IIntId,
  hm.Household AS HHIntId,
  hm.IntID AS HMIntId,
  hhhr.Type AS HHHRelationType,
  rt.[Name] AS HHHRelationTypeName,
  se.AssignedDate AS HHHStartDate,
  se.Type AS HHHStartType,
  setp.[Name] AS HHHStartTypeName,
  ee.AssignedDate AS HHHEndDate,
  ee.Type AS HHHEndType,
  eetp.[Name] AS HHHEndTypeName
FROM HHHeadRelationships hhhr
  LEFT JOIN HouseholdMemberships hm ON hm.IntID = hhhr.householdMembership
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```
LEFT JOIN RelationshipTypes rt ON hhhr.Type = rt.Code
LEFT JOIN Events se ON se.IntID = hhhr.StartEvent
LEFT JOIN EventTypes setp ON se.Type = setp.Code
LEFT JOIN Events ee ON ee.IntID = hhhr.EndEvent
LEFT JOIN EventTypes eetp ON ee.Type = eetp.Code
```