

Africa Centre Demographic Information System (ACDIS)

Analytical Dataset Documentation

Change History

<u>Who</u>	<u>When</u>	<u>What</u>
Colin Newell	19 th May 2006	Original
Colin Newell	4 July 2006	Removed now-obsolete Validity and VNotes columns
Colin Newell	25 August 2007	Removed Variable Precision dates, added label variables

Dataset name	HouseholdMemberships
Description	<p>Links individuals to households. One individual can be a member of more than one household at one time. i.e. Household Membership episodes can overlap. All Registered Individuals in ACDIS must be a member of at least one Household. i.e. it is a requirement. Members of a Household do not need to all be resident in the same place.</p> <p>Episodes of household <i>membership</i> describe, "where one <i>belongs</i>", as opposed to episodes of <i>residency</i>, which describe, "where one <i>stays</i>". Thus the appropriate question for household membership is: "Who belongs to this group?"</p>
Rows/Units of analysis	One row per Household Membership
Unique identifier(s)	HMIIntId
Approx. number of rows	Approx 169,000 at Jan2010

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HouseholdMemberships Dataset Variable List

Variable Name	Description	Source in ACDIS database	Format/Codes/Special values	Notes/comments
HMIntId	Unique Id of HH Membership	<i>HouseholdMemberships.IntId</i>	Integer 1 – 186,000 and increasing	Meaningless unique key.
HHIntId	Unique Id of Household	<i>HouseholdMemberships.Household</i>	Integer 1 – 24,500+ No blanks, but a handful of 888888	Can be used to link to Households dataset
IIntId	Unique Id of Individual	<i>HouseholdMemberships.RegisteredIndividual</i>	Integer 1 – 125,000+ No blanks, but a handful 888801 - 888827	Can be used to link to Individuals dataset
HMStartDate	Membership episode Start date	The Date of the Event (i.e. <i>Events.AssignedDate</i>) linked to the to <i>HouseholdMemberships.StartEvent</i>	Date. Range is 1 Jan 2000 to present, a few missing values, but no blank values!	
HMStartType	Start Type of Household Membership	The Type of the Event (i.e. <i>Events.Type</i>) linked to the to <i>HouseholdMemberships.StartEvent</i>	Three-letter code. See next variable for associated labels	66% DSS start others commonly Delivery or Inmigrations
HMEndTypeName	Label associated with previous variable	<i>EventTypes.Name</i>	Text	
	Membership episode End date	The Date of the Event (i.e. <i>Events.AssignedDate</i>) linked to the to <i>HouseholdMemberships.EndEvent</i>	Date. Range is 1 jan 2000 to present, plus a few missing values as 1 Jan 1793 (Refused) 1 Jan 1798 (Don't Know) 1 Jan 1799 (Missing)	
HMEndType	End Type of Household Membership	The Type of the Event (i.e. <i>Events.Type</i>) linked to the to <i>HouseholdMemberships.EndEvent</i>	Three-letter code. See next variable for associated labels	70% VISit, but other common values Outmigration or Death

HouseholdMemberships Dataset Variable List

Variable Name	Description	Source in ACDIS database	Format/Codes/Special values	Notes/comments
HMEndTypeName	Label associated with 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 HouseholdMemberships 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    Removed VP dates. Added label variables

</ChangeHistory>
*/
ALTER VIEW _HouseholdMemberships
AS
SELECT
    hhm.IntID AS HMIntId,
    hhm.Household AS HHIntId,
    hhm.RegisteredIndividual AS IIntID,
    se.AssignedDate AS HMStartDate,
    se.Type AS HMStartType,
    setp.[Name] AS HMStartTypeName,
    ee.AssignedDate AS HMEndDate,
    ee.Type AS HMEndType,
    eetp.[Name] AS HMEndTypeName
FROM HouseholdMemberships hhm
LEFT JOIN Events se ON se.IntID = hhm.StartEvent
LEFT JOIN EventTypes setp ON se.Type = setp.Code
LEFT JOIN Events ee ON ee.IntID = hhm.EndEvent
LEFT JOIN EventTypes eetp ON ee.Type = eetp.Code
```