

Africa Centre Demographic Information System (ACDIS)

Analytical Dataset Documentation

Change History

<u>Who</u>	<u>When</u>	<u>What</u>
Colin N	19 May 2006	Original
Colin Newell	29 June 2006	Modified <i>OriginOtherPlace</i> and <i>DestinationOtherPlace</i> to store <i>DescriptiveName</i> from <i>OtherPlaces</i> table rather than the meaningless IntId key provided previously.
Colin Newell	4 July 2006	Removed now-obsolete Validity/VNotes columns
Colin Newell	18 Apr 2008	Added a suite of variables from Migrations table
Colin Newell	28 May 2008	Migrations variables now migrated into their own dataset, so removed from here, but added StartEvent/EndEvent to allow linking between this and Migrations dataset.

Dataset name	IndividualResidencies
Description	Links individuals to Bounded Structures. Overlaps are NOT possible. Individuals cannot be in two places at once!
Rows/Units of analysis	One row per Individual Residency episode
Unique identifier(s)	IRIntId
Approx. number of rows	Approaching 168,000 as at Jan 2010

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IndividualResidencies Dataset Variable List

Variable Name	Description	Source in ACDIS database	Format/Codes/Special values	Notes/comments
IRIntId	Unique Id of Individual Residency	<i>IndividualResidencies.IntId</i>	Integer 1 – 464,000 and on	Meaningless sequential key
BSIntId	Unique Id of Bounded Structure	<i>IndividualResidencies.BoundedStructure</i>	Integer 1 – 16,200+ No missing or blank values	Provides link to <i>BoundedStructures</i> dataset
IIntId	Unique Id of Individual	<i>IndividualResidencies.RegisteredIndividual</i>	Integer 1 – 151,000+. No missing or blank values	Provides link to <i>Individuals</i> dataset
IRStartEvent	Residency episode Start event Id	<i>IndividualResidencies.StartEvent</i>	Integer	Only useful for linking to Migrations dataset.
IRStartDate	Residency episode start date.	The date of the Event (i.e. <i>Events.AssignedDate</i>) linked to the to <i>IndividualResidencies.StartEvent</i>	Date. Range is 1 Jan 2000 to present. No missing values	
IRStartType	Start Type of Individual Residency	The Type of the Event (i.e. <i>Events.Type</i> linked to the to <i>IndividualResidencies.StartEvent</i>	Three-letter code. See next variable for associated labels	Nearly half are DSS start. Other common values are the inward migration codes and Delivery
IRStartTypeName	Label associated with previous variable	<i>EventTypes.Name</i>	Text	
IREndEvent	Residency episode End Event Id	<i>IndividualResidencies.EndEvent</i>	Integer	Only useful for linking to Migrations dataset.

IndividualResidencies Dataset Variable List

Variable Name	Description	Source in ACDIS database	Format/Codes/Special values	Notes/comments
IEndDate	Residency episode end date.	The date of the Event (i.e. <i>Events.AssignedDate</i>) linked to the to <i>IndividualResidencies.EndEvent</i>	Date. Range is 1 Jan 2000 to present, plus a few (< 10) missing values either 1 Jan 1795 (_default) 1 Jan 1798 (Don't Know)	
IEndType	End Type of Individual Residency	The Type of the Event (i.e. <i>Events.Type</i> linked to the to <i>IndividualResidencies.StartEvent</i>	Three-letter code. See next variable for associated labels	Nearly half are "Visit". Other common values are the outmigration codes and Death
IEndTypeName	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 IndividualResidencies.txt analytical dataset
</Notes>
<ChangeHistory>
29 June 2006 C Newell   Added refs to OtherPlaces. No point giving just OtherPlaces Ids.

  4 July 2006 C Newell   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

C Newell   17 Apr 2008   Removed VPdates. Added the migration origin/dest names etc
                        into main dataset as requested by Carol Camlin, but now for all.

C Newell   28 May 2008   Removed Migrations data, now in separate dataset. Added IRStartevent, IREndEvent
                        which are necessary to link in the migrations.

</ChangeHistory>
*/
ALTER VIEW _IndividualResidencies
AS
SELECT
  ir.IntID AS IRIntId,
  ir.BoundedStructure AS BSIntId,
  ir.RegisteredIndividual AS IIntID,

  ir.StartEvent as IRStartEvent,
  se.AssignedDate AS IRStartDate,
-- se.VPDateString AS IRStartPrecision,
  se.type AS IRStartType,
```

```
setp.[Name] AS IRStartTypeName, -- added 2aug07

ir.EndEvent as IREndEvent,
ee.AssignedDate AS IREndDate,
-- ee.VPDateString AS IREndPrecision,
ee.Type AS IREndType,
eetp.[Name] AS IREndTypeName -- added 2aug0
FROM IndividualResidencies ir
LEFT JOIN Events se ON se.IntID = ir.StartEvent
LEFT JOIN EventTypes setp ON se.Type = setp.Code
LEFT JOIN Events ee ON ee.IntID = ir.EndEvent
LEFT JOIN EventTypes eetp ON ee.Type = eetp.Code
```