



## Africa Centre Demographic Information System (ACDIS)

### Dataset Documentation

# HSE Households, all years 2001 on

#### Change History

**Who**

Colin Newell

Colin N

**When**

27 September 2010

28 July 2011

**What**

Original

Added refs to 2011 data, now included

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**welcome**trust

<b>Dataset name</b>	HSE Households (all years 2001-2011)
<b>Description</b>	<p>All households with a current Residency in the Demographic Surveillance Area are eligible for the Household and Socio-Economic Survey “HSE” questionnaires.</p> <p>The survey was first run during 2001. It was changed significantly when rerun in 2003. In 2006 it was shortened substantially, removing many items on expenditure and economic shocks. Since 2006 there have been very few changes to the questionnaire. No survey was run in 2008.</p> <p>Users of this dataset are strongly encouraged to refer to the images of the annual questionnaires included in the annual datasets to check carefully for any changes in question wording, ordering, options offered etc. This document does not attempt to describe every single change and variation.</p>
<b>Rows/Units of analysis</b>	Households
<b>Unique identifier(s)</b>	HHIntId (i.e. Household) + VisitDate
<b>Approx. number of rows</b>	84,000 approx

## HSE All Households Dataset Variable List

Variable Name	Description	Included in years								Source in ACDIS database	Format / Codes / Special values	Notes / comments
		2001	2003	2005	2006	2007	2009	2010	2011			
HHIntId	Household Internal Id	✓	✓	✓	✓	✓	✓	✓	✓	<i>HHStatusObservations.Household</i>	Integer	Unique within this dataset.  Provides link to <i>Households</i> dataset
BSIntId	Bounded Structure Internal Id	✓	✓	✓	✓	✓	✓	✓	✓	<i>Visits.BoundedStructure</i>	Integer 1 – 13,000+  No missing or blank values	Provides link to <i>BoundedStructures</i> dataset
DSRound	DS Round No.	✓	✓	✓	✓	✓	✓	✓	✓	<i>Visits.DSRound</i>	Integer.	
VisitDate	Date of HSE Visit	✓	✓	✓	✓	✓	✓	✓	✓	<i>Events.AssignedDate</i> linked to Visit	Date January 2001 – June 2010	
Refused	Refused form?	✗	✗	✗	✗	✗	✓	✓	✓	<i>HHStatusObservations.Refused</i>	Y Yes N No Null	Null prior to 2009
DrinkWaterSource	What is the most often used source of drinking water in the household?	✓	✓	✓	✓	✓	✓	✓	✓	<i>HHStatusObservations.DrinkWaterSource1</i>	3-letter code. See next variable for full labels WEL Well FLR Flowing river PPF Piped public (free) etc	
DrinkWaterSourceName	Label associated with previous variable	✓	✓	✓	✓	✓	✓	✓	✓	<i>WaterSources.Name</i>	Text string	

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Variable Name	Description	Included in years								Source in ACDIS database	Format / Codes / Special values	Notes / comments
		2001	2003	2005	2006	2007	2009	2010	2011			
ToiletType	What kind of toilet does the HH use?	✓	✓	✓	✓	✓	✓	✓	✓	<i>HHStatusObservations.ToiletType</i>	3-letter code. See next variable for full labels BKT Bucket FLT Flush toilet OPL Other pit latrine etc	
ToiletTypeName	Label associated with previous variable	✓	✓	✓	✓	✓	✓	✓	✓	<i>ToiletTypes.Name</i>	Text string	
IsElectrified	Is this household connected to an electricity supply?	✓	✓	✓	✓	✓	✓	✓	✓	<i>HHStatusObservations.IsElectrifiedI</i>	Y Yes N No U Don't know X Not applicable	
MainCookingFuel	What s the main fuel used for cooking?	✗	✓	✓	✓	✓	✓	✓	✓	<i>HHStatusObservations.MainCookingFuel</i>	3-letter code. See next variable for full labels. GRI Electricity from grid WOO Wood LPG Bottled gas Etc	
MainCookingFuelName	Label associated with previous variable	✗	✓	✓	✓	✓	✓	✓	✓	<i>EnergySources.Name</i>	Text string	

## HSE All Households Dataset Variable List

Variable Name	Description	Included in years								Source in ACDIS database	Format / Codes / Special values	Notes / comments
		2001	2003	2005	2006	2007	2009	2010	2011			
IsHouseOwnedByMember	Is the owner of the BS a member of this Household?	x	✓	✓	✓	✓	✓	✓	✓	<i>HHStatusObservations.IsHHOwnedByMember</i>	Y Yes N No U Don't know X Not applicable	
BDN	Does the household have any of the following items in good working order? Bed net	x	✓	✓	✓	✓	✓	✓	✓	<i>HHOwnedItems</i> where <i>HouseholdItem</i> = 'BDN' exists	0 No or No answer 1 Yes	
BED	Doe HH have ... Bed	x	✓	✓	✓	✓	✓	✓	✓	<i>HHOwnedItems</i> where <i>HouseholdItem</i> = 'BED' exists	As above	
BIC	Doe HH have ... Bicycle	✓	✓	✓	✓	✓	✓	✓	✓	<i>HHOwnedItems</i> where <i>HouseholdItem</i> = 'BIC' exists	As above	
BLM	Doe HH have ... Blockmaker	✓	✓	✓	✓	✓	✓	✓	✓	<i>HHOwnedItems</i> where <i>HouseholdItem</i> = 'BLM' exists	As above	
CAR	Doe HH have ... Car	✓	✓	✓	✓	✓	✓	✓	✓	<i>HHOwnedItems</i> where <i>HouseholdItem</i> = 'CAR' exists	As above	
CBE	Doe HH have ... Car battery	x	✓	✓	✓	✓	✓	✓	✓	<i>HHOwnedItems</i> where <i>HouseholdItem</i> = 'CBE' exists	As above	
CTL	Doe HH have ... Cattle	x	✓	✓	✓	✓	✓	✓	✓	<i>HHOwnedItems</i> where <i>HouseholdItem</i> = 'CTL' exists	As above	

## HSE All Households Dataset Variable List

Variable Name	Description	Included in years								Source in ACDIS database	Format / Codes / Special values	Notes / comments
		2001	2003	2005	2006	2007	2009	2010	2011			
ECO	Doe HH have ... Electric cooker with oven	✓	✓	✓	✓	✓	✓	✓	✓	<i>HHOwnedItems</i> where <i>HouseholdItem</i> = 'ECO' exists	As above	
EHP	Doe HH have ... Electric hotplate	✓	✓	✓	✓	✓	✓	✓	✓	<i>HHOwnedItems</i> where <i>HouseholdItem</i> = 'EHP' exists	As above	
EKT	Doe HH have ... Electric kettle	✓	✓	✓	✓	✓	✓	✓	✓	<i>HHOwnedItems</i> where <i>HouseholdItem</i> = 'EKT' exists	As above	
FRG	Doe HH have ... Fridge	✓	✓	✓	✓	✓	✓	✓	✓	<i>HHOwnedItems</i> where <i>HouseholdItem</i> = 'FRG' exists	As above	
GCK	Doe HH have ... Gas cooker	✓	✓	✓	✓	✓	✓	✓	✓	<i>HHOwnedItems</i> where <i>HouseholdItem</i> = 'GCK' exists	As above	
HSF	Doe HH have ... Hoe/Spade/Fork	✓	✓	✓	✓	✓	✓	✓	✓	<i>HHOwnedItems</i> where <i>HouseholdItem</i> = 'HSF' exists	As above	
KLT	Doe HH have ... Kombi/Lorry/Tractor	✗	✓	✓	✓	✓	✓	✓	✓	<i>HHOwnedItems</i> where <i>HouseholdItem</i> = 'KLT' exists	As above	
KTS	Doe HH have ... Kitchen sink	✗	✓	✓	✓	✓	✓	✓	✓	<i>HHOwnedItems</i> where <i>HouseholdItem</i> = 'KTS' exists	As above	
MCS	Doe HH have ... Motorcycle	✗	✓	✓	✓	✓	✓	✓	✓	<i>HHOwnedItems</i> where <i>HouseholdItem</i> = 'MCS' exists	As above	

## HSE All Households Dataset Variable List

Variable Name	Description	Included in years								Source in ACDIS database	Format / Codes / Special values	Notes / comments
		2001	2003	2005	2006	2007	2009	2010	2011			
OLS	Doe HH have ... Other livestock (i.e. not cattle)	✘	✓	✓	✓	✓	✓	✓	✓	HHOwnedItems where HouseholdItem = 'OLS' exists	As above	
PMC	Doe HH have ... Primus cooker	✓	✓	✓	✓	✓	✓	✓	✓	HHOwnedItems where HouseholdItem = 'PMC' exists	As above	
RAD	Doe HH have ... Radio	✓	✓	✓	✓	✓	✓	✓	✓	HHOwnedItems where HouseholdItem = 'RAD' exists	As above	
SOF	Doe HH have ... Sofa	✘	✓	✓	✓	✓	✓	✓	✓	HHOwnedItems where HouseholdItem = 'SOF' exists	As above	
SWM	Doe HH have ... Sewing machine	✓	✓	✓	✓	✓	✓	✓	✓	HHOwnedItems where HouseholdItem = 'SWM' exists	As above	
TBC	Doe HH have ... Table & Chairs	✓	✓	✓	✓	✓	✓	✓	✓	HHOwnedItems where HouseholdItem = 'TBC' exists	As above	
TLL	Doe HH have ... Telephone	✓	✓	✓	✓	✓	✓	✓	✓	HHOwnedItems where HouseholdItem = 'TLL' exists	As above	
TMB	Doe HH have ... Cellphone	✓	✓	✓	✓	✓	✓	✓	✓	HHOwnedItems where HouseholdItem = 'TMB' exists	As above	
TVS	Doe HH have ... TV	✓	✓	✓	✓	✓	✓	✓	✓	HHOwnedItems where HouseholdItem = 'TVS' exists	As above	

## HSE All Households Dataset Variable List

Variable Name	Description	Included in years								Source in ACDIS database	Format / Codes / Special values	Notes / comments
		2001	2003	2005	2006	2007	2009	2010	2011			
VCR	Doe HH have ... Video	✓	✓	✓	✓	✓	✓	✓	✓	<i>HHOwnedItems</i> where <i>HouseholdItem</i> = 'VCR' exists	As above	
WBR	Doe HH have ... Wheelbarrow	✓	✓	✓	✓	✓	✓	✓	✓	<i>HHOwnedItems</i> where <i>HouseholdItem</i> = 'WBR' exists	As above	
HWG	Doe HH have ... hot water geyser	✓	✗	✗	✗	✗	✗	✗	✗	<i>HHOwnedItems</i> where <i>HouseholdItem</i> = 'HWG' exists	As above	
WSM	Doe HH have ... Washing machine	✓	✗	✗	✗	✗	✗	✗	✗	<i>HHOwnedItems</i> where <i>HouseholdItem</i> = 'WSM' exists	As above	
EHT	Doe HH have ... Electric heater	✓	✗	✗	✗	✗	✗	✗	✗	<i>HHOwnedItems</i> where <i>HouseholdItem</i> = 'EHT' exists	As above	
PHT	Doe HH have ... Paraffin heater	✓	✗	✗	✗	✗	✗	✗	✗	<i>HHOwnedItems</i> where <i>HouseholdItem</i> = 'PHT' exists	As above	
SHF	Doe HH have ... Stereo or hi-fi	✓	✗	✗	✗	✗	✗	✗	✗	<i>HHOwnedItems</i> where <i>HouseholdItem</i> = 'SHF' exists	As above	
CPT	Doe HH have ... Computer or laptop	✓	✗	✗	✗	✗	✗	✗	✗	<i>HHOwnedItems</i> where <i>HouseholdItem</i> = 'CPT' exists	As above	
VAN	Doe HH have ... Combi van or laptop	✓	✗	✗	✗	✗	✗	✗	✗	<i>HHOwnedItems</i> where <i>HouseholdItem</i> = 'VAN' exists	As above	
LOR	Doe HH have ... Lorry or transport	✓	✗	✗	✗	✗	✗	✗	✗	<i>HHOwnedItems</i> where <i>HouseholdItem</i> = 'LOR' exists	As above	
TFV	Doe HH have ... Tractor or farm vehicle	✓	✗	✗	✗	✗	✗	✗	✗	<i>HHOwnedItems</i> where <i>HouseholdItem</i> = 'TFV' exists	As above	

## HSE All Households Dataset Variable List

Variable Name	Description	Included in years								Source in ACDIS database	Format / Codes / Special values	Notes / comments
		2001	2003	2005	2006	2007	2009	2010	2011			
FUR	Doe HH have ... Furnishings	✓	✗	✗	✗	✗	✗	✗	✗	HHOwnedItems where HouseholdItem = 'FUR' exists	As above	
JWT	Doe HH have ... Jewellery and watches	✓	✗	✗	✗	✗	✗	✗	✗	HHOwnedItems where HouseholdItem = 'JWT' exists	As above	
VictimOfTHF	Has any resident member of the household been a victim of any of these crimes during the past 12 months ...Theft	✗	✓	✓	✓	✓	✓	✓	✓	HHStatusObservations. VictimOfTHF	Y Yes N No /No answer	
VictimOfASA	Victim of Assault	✗	✓	✓	✓	✓	✓	✓	✓	HHStatusObservations. VictimOfASA	As above	
VictimOfMUR	Victim of Murder	✗	✓	✓	✓	✓	✓	✓	✓	HHStatusObservations. VictimOfMUR	As above	
VictimOfNOO	Victim of No crime	✗	✓	✓	✓	✓	✓	✓	✓	HHStatusObservations. VictimOfNOO	As above	/* (Cally recodes to 'Y' if 'N' _and_ the others are all not 'Y' */
VictimOfOTH	Victim of Other	✗	✓	✓	✓	✓	✓	✓	✓	HHStatusObservations. VictimOfOTH	As above	
VictimOfDKN	Victim of Don't know	✗	✓	✓	✓	✓	✓	✓	✓	HHStatusObservations. VictimOfDKN	As above	
VictimOfRFS	Victim of Refused	✗	✓	✓	✓	✓	✓	✓	✓	HHStatusObservations. VictimOfRFS	As above	

## HSE All Households Dataset Variable List

Variable Name	Description	Included in years								Source in ACDIS database	Format / Codes / Special values	Notes / comments
		2001	2003	2005	2006	2007	2009	2010	2011			
PerceivedFinancialStatus	How would this Household classify its financial situation these days?	x	✓	✓	✓	✓	✓	✓	✓	<i>HHStatusObservations.PerceivedFinancialStatus</i>	3-letter code. See next variable for full labels VCO Very comfortable ... JGB Just getting by ... POO Poor	
PerceivedFinancialStatusName	Label associated with previous variable	x	✓	✓	✓	✓	✓	✓	✓	<i>FinancialSituations.Name</i>	Text String	
AdultMissedMealForFinReasons	7.2Q3 In last 12m did you or other adults in the household cut the size of your meals, or skip meals, because there wasn't enough money for food?	x	✓	✓	✓	✓	✓	✓	✓	<i>HHStatusObservations.AdultMissedMealForFinReasons</i>	Y Yes N No U Don't know R Refused X Not applicable	
AdultMissedMealOccurLevel	7.2Q4 Adults cut size of meals: How often?	x	✓	✓	✓	✓	✓	✓	✓	<i>HHStatusObservations.AdultMissedMealOccurLevel</i>	3-letter codes. See next variable for full labels AEM Almost every month SME Some, but not every month OTM Only one or two months NAD Not applicable	Only answered if 'Yes' to previous Q
AdultMissedMealOccurLevelName	Label associated with previous variable	x	✓	✓	✓	✓	✓	✓	✓	<i>OccurrenceLevels.Name</i>	Text String	

## HSE All Households Dataset Variable List

Variable Name	Description	Included in years								Source in ACDIS database	Format / Codes / Special values	Notes / comments
		2001	2003	2005	2006	2007	2009	2010	2011			
AdultMissedFoodForFinReasons	7.2Q5 In last 12m did you not eat for whole day ... not enough money...?	x	✓	✓	✓	✓	✓	✓	✓	<i>HHStatusObservations. AdultMissedFoodForFinReasons</i>	Y Yes N No U Don't know R Refused X Not applicable	
AdultMissedFoodOccurrenceLevel	7.2Q6 Adults not eat for whole day: How often?	x	✓	✓	✓	✓	✓	✓	✓	<i>HHStatusObservations. AdultMissedFoodOccurrenceLevel</i>	3-letter codes. See next variable for full labels AEM Almost every month SME Some, but not every month OTM Only one or two months NAD Not applicable	Only answered if 'Yes' to previous Q
AdultMissedFoodOccurrenceLevelName	Label associated with previous variable	x	✓	✓	✓	✓	✓	✓	✓	<i>OccurrenceLevels.Name</i>	Text String	
ChildMissedMealForFinReasons	7.2Q7 In last 12m did you cut/skip children's meal ... not enough money...?	x	✓	✓	✓	✓	✓	✓	✓	<i>HHStatusObservations. ChildMissedMealForFinReasons</i>	Y Yes N No U Don't know R Refused X Not applicable	

## HSE All Households Dataset Variable List

Variable Name	Description	Included in years								Source in ACDIS database	Format / Codes / Special values	Notes / comments
		2001	2003	2005	2006	2007	2009	2010	2011			
ChildMissedMealOccurLevel	7.2Q8 Children's meal cut/skip: how often?	✘	✔	✔	✔	✔	✔	✔	✔	<i>HHStatusObservations.ChildMissedMealOccurLevel</i>	3-letter codes. See next variable for full labels AEM Almost every month SME Some, but not every month OTM Only one or two months NAD Not applicable	Only answered if 'Yes' to previous Q
ChildMissedMealOccurLevelName	Label associated with previous variable	✘	✔	✔	✔	✔	✔	✔	✔	<i>OccurrenceLevels.Name</i>	Text String	

## SQL

```
/*
<Author>Colin Newell</Author>
<Date>26 Sep 2010</Date>
<Category>HSE Survey Dataset</Category>
<Notes>
Requested by: Core HSE dataset

Request: View for main HSE dataset, Household data, All Rounds from 2001 on
</Notes>
<ChangeHistory>
26 Sep 2010 Colin Newell Original coding

</ChangeHistory>
select count(*) from vacHSE_Households 72,553
*/
--ALTER VIEW vacHSE_Households
--AS
SELECT
  hhso.Household AS HHIntId,
  v.BoundedStructure AS BSIntId,
  ve.AssignedDate AS VisitDate,
  v.DSRound AS DSRound,

  -- ===== Asked in ..
  hhso.Refused, -- New for HSEv6 i.e. 2009 -- 2009, 2010

  hhso.DrinkWaterSource1 AS DrinkWaterSource, -- 2001, 2003, 2005, 2006, 2007, 2009, 2010
  ws.Name AS DrinkWaterSourceName, -- 2001, 2003, 2005, 2006, 2007, 2009, 2010

  hhso.ToiletType AS ToiletType, -- 2001, 2003, 2005, 2006, 2007, 2009, 2010
  tt.Name AS ToiletTypeName, -- 2001, 2003, 2005, 2006, 2007, 2009, 2010

  hhso.IsElectrified AS IsElectrified, -- 2001, 2003, 2005, 2006, 2007, 2009, 2010

  hhso.MainCookingFuel AS MainCookingFuel, -- NOT 2001, 2003, 2005, 2006, 2007, 2009, 2010
  es.Name AS MainCookingFuelName, -- NOT 2001, 2003, 2005, 2006, 2007, 2009, 2010

  hhso.IsHouseOwnedByMember AS IsHouseOwnedByMember, -- NOT 2001, 2003, 2005, 2006, 2007, 2009, 2010

  CASE WHEN hhoibdn.Household IS NULL THEN 0 ELSE 1 END AS BDN, -- Bednet -- NOT 2001, 2003, 2005, 2006, 2007, 2009, 2010
  CASE WHEN hhoibed.Household IS NULL THEN 0 ELSE 1 END AS BED, -- Bed -- NOT 2001, 2003, 2005, 2006, 2007, 2009, 2010
  CASE WHEN hhoibic.Household IS NULL THEN 0 ELSE 1 END AS BIC, -- Bicycle -- 2001, 2003, 2005, 2006, 2007, 2009, 2010
  CASE WHEN hhoiblm.Household IS NULL THEN 0 ELSE 1 END AS BLM, -- Blockmaker -- 2001, 2003, 2005, 2006, 2007, 2009, 2010
  CASE WHEN hhoicar.Household IS NULL THEN 0 ELSE 1 END AS CAR, -- Car -- 2001, 2003, 2005, 2006, 2007, 2009, 2010
  CASE WHEN hhoicbe.Household IS NULL THEN 0 ELSE 1 END AS CBE, -- Car Battery -- NOT 2001, 2003, 2005, 2006, 2007, 2009, 2010
  CASE WHEN hhoictl.Household IS NULL THEN 0 ELSE 1 END AS CTL, -- Cattle -- NOT 2001, 2003, 2005, 2006, 2007, 2009, 2010
  CASE WHEN hhoieco.Household IS NULL THEN 0 ELSE 1 END AS ECO, -- Electric cooker with oven -- 2001, 2003, 2005, 2006, 2007, 2009, 2010
  CASE WHEN hhoiehp.Household IS NULL THEN 0 ELSE 1 END AS EHP, -- Electric hotplate -- 2001, 2003, 2005, 2006, 2007, 2009, 2010
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CASE WHEN hhoiekt.Household IS NULL THEN 0 ELSE 1 END AS EKT, -- Electric kettle -- 2001, 2003, 2005, 2006, 2007, 2009, 2010
CASE WHEN hhoifrg.Household IS NULL THEN 0 ELSE 1 END AS FRG, -- Fridge -- 2001, 2003, 2005, 2006, 2007, 2009, 2010
CASE WHEN hhoigck.Household IS NULL THEN 0 ELSE 1 END AS GCK, -- Gas cooker -- 2001, 2003, 2005, 2006, 2007, 2009, 2010
CASE WHEN hhoihsf.Household IS NULL THEN 0 ELSE 1 END AS HSF, -- Hoe/Spade/Fork -- 2001, 2003, 2005, 2006, 2007, 2009, 2010
CASE WHEN hhoiklt.Household IS NULL THEN 0 ELSE 1 END AS KLT, -- Kombi/Lorry/Tractor -- NOT 2001, 2003, 2005, 2006, 2007, 2009, 2010
CASE WHEN hhoikts.Household IS NULL THEN 0 ELSE 1 END AS KTS, -- Kitchen sink -- NOT 2001, 2003, 2005, 2006, 2007, 2009, 2010
CASE WHEN hhoimcs.Household IS NULL THEN 0 ELSE 1 END AS MCS, -- Motorcycle -- NOT 2001, 2003, 2005, 2006, 2007, 2009, 2010
CASE WHEN hhoiols.Household IS NULL THEN 0 ELSE 1 END AS OLS, -- Other livestock (not cattle) -- NOT 2001, 2003, 2005, 2006, 2007, 2009, 2010
CASE WHEN hhoipmc.Household IS NULL THEN 0 ELSE 1 END AS PMC, -- Primus cooker -- 2001, 2003, 2005, 2006, 2007, 2009, 2010
CASE WHEN hhoirad.Household IS NULL THEN 0 ELSE 1 END AS RAD, -- Radio -- 2001, 2003, 2005, 2006, 2007, 2009, 2010
CASE WHEN hhoisof.Household IS NULL THEN 0 ELSE 1 END AS SOF, -- Sofa -- NOT 2001, 2003, 2005, 2006, 2007, 2009, 2010
CASE WHEN hhoiswm.Household IS NULL THEN 0 ELSE 1 END AS SWM, -- Sewing machine -- 2001, 2003, 2005, 2006, 2007, 2009, 2010
CASE WHEN hhoitbc.Household IS NULL THEN 0 ELSE 1 END AS TBC, -- Table & Chairs -- NOT 2001, 2003, 2005, 2006, 2007, 2009, 2010
CASE WHEN hhoitll.Household IS NULL THEN 0 ELSE 1 END AS TLL, -- Telephone -- 2001, 2003, 2005, 2006, 2007, 2009, 2010
CASE WHEN hhoitmb.Household IS NULL THEN 0 ELSE 1 END AS TMB, -- Cellphone -- 2001, 2003, 2005, 2006, 2007, 2009, 2010
CASE WHEN hhoitvs.Household IS NULL THEN 0 ELSE 1 END AS TVS, -- TV -- 2001, 2003, 2005, 2006, 2007, 2009, 2010
CASE WHEN hhoivcr.Household IS NULL THEN 0 ELSE 1 END AS VCR, -- Video -- 2001, 2003, 2005, 2006, 2007, 2009, 2010
CASE WHEN hhoiwbr.Household IS NULL THEN 0 ELSE 1 END AS WBR, -- Wheelbarrow -- 2001, 2003, 2005, 2006, 2007, 2009, 2010

-- Next ones are 2001 only
CASE WHEN hhoihwg.Household IS NULL THEN 0 ELSE 1 END AS HWG, -- Hot Water geyser -- 2001, NOT 2003, NOT 2005, NOT 2006, NOT 2007, NOT
2009, NOT 2010
CASE WHEN hhoiwsn.Household IS NULL THEN 0 ELSE 1 END AS WSM, -- Washing machine -- 2001, NOT 2003, NOT 2005, NOT 2006, NOT 2007, NOT
2009, NOT 2010
CASE WHEN hhoieht.Household IS NULL THEN 0 ELSE 1 END AS EHT, -- Electric heater -- 2001, NOT 2003, NOT 2005, NOT 2006, NOT 2007, NOT
2009, NOT 2010
CASE WHEN hhoipht.Household IS NULL THEN 0 ELSE 1 END AS PHT, -- Paraffin heater -- 2001, NOT 2003, NOT 2005, NOT 2006, NOT 2007, NOT
2009, NOT 2010
CASE WHEN hhoishf.Household IS NULL THEN 0 ELSE 1 END AS SHF, -- Stereo or hi-fi -- 2001, NOT 2003, NOT 2005, NOT 2006, NOT 2007, NOT
2009, NOT 2010
CASE WHEN hhoicpt.Household IS NULL THEN 0 ELSE 1 END AS CPT, -- Computer or laptop -- 2001, NOT 2003, NOT 2005, NOT 2006, NOT 2007, NOT
2009, NOT 2010
CASE WHEN hhoivan.Household IS NULL THEN 0 ELSE 1 END AS VAN, -- Combi van or taxi -- 2001, NOT 2003, NOT 2005, NOT 2006, NOT 2007, NOT
2009, NOT 2010
CASE WHEN hhoilor.Household IS NULL THEN 0 ELSE 1 END AS LOR, -- Lorry or transport -- 2001, NOT 2003, NOT 2005, NOT 2006, NOT 2007, NOT
2009, NOT 2010
CASE WHEN hhoitfv.Household IS NULL THEN 0 ELSE 1 END AS TFV, -- Tractor or farm vehicle -- 2001, NOT 2003, NOT 2005, NOT 2006, NOT 2007, NOT
2009, NOT 2010
CASE WHEN hhoifrn.Household IS NULL THEN 0 ELSE 1 END AS FRN, -- Furnishings -- 2001, NOT 2003, NOT 2005, NOT 2006, NOT 2007, NOT
2009, NOT 2010
CASE WHEN hhoijwt.Household IS NULL THEN 0 ELSE 1 END AS JWT, -- Jewellery and watches -- 2001, NOT 2003, NOT 2005, NOT 2006, NOT 2007, NOT
2009, NOT 2010

hhso.VictimOfTHF AS VictimOfTHF, -- Theft -- NOT 2001, 2003, 2005, 2006, 2007, 2009, 2010
hhso.VictimOfASA AS VictimOfASA, -- Assault -- NOT 2001, 2003, 2005, 2006, 2007, 2009, 2010
hhso.VictimOfMUR AS VictimOfMUR, -- Murder -- NOT 2001, 2003, 2005, 2006, 2007, 2009, 2010
-- Cally recodes next var to 'Y' if it is 'N' and all the others <> 'Y'
hhso.VictimOfNOO AS VictimOfNOO, -- No crime -- NOT 2001, 2003, 2005, 2006, 2007, 2009, 2010
hhso.VictimOfOTH AS VictimOfOTH, -- Other -- NOT 2001, 2003, 2005, 2006, 2007, 2009, 2010

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hhso.VictimOfDKN AS VictimOfDKN,    -- Don't know                -- NOT 2001, 2003, 2005, 2006, 2007, 2009, 2010
hhso.VictimOfRFS AS VictimOfRFS,    -- Refused                  -- NOT 2001, 2003, 2005, 2006, 2007, 2009, 2010

hhso.PerceivedFinancialStatus AS PerceivedFinancialStatus,
fs.Name AS PerceivedFinancialStatusName,
-- NOT 2001, 2003, 2005, 2006, 2007, 2009, 2010
-- NOT 2001, 2003, 2005, 2006, 2007, 2009, 2010

hhso.AdultMissedMealForFinReasons AS AdultMissedMealForFinReasons,
hhso.AdultMissedMealOccurLevel AS AdultMissedMealOccurLevel,
ol1.Description AS AdultMissedMealOccurLevelName,
-- NOT 2001, NOT 2003, 2005, 2006, 2007, 2009, 2010
-- NOT 2001, NOT 2003, 2005, 2006, 2007, 2009, 2010
-- NOT 2001, NOT 2003, 2005, 2006, 2007, 2009, 2010

hhso.AdultMissedFoodForFinReasons AS AdultMissedFoodForFinReasons,
hhso.AdultMissedFoodOccuranceLevel AS AdultMissedFoodOccuranceLevel, -- Sp.
ol2.Description AS AdultMissedFoodOccurLevelName,
-- NOT 2001, NOT 2003, 2005, 2006, 2007, 2009, 2010
-- NOT 2001, NOT 2003, 2005, 2006, 2007, 2009, 2010
-- NOT 2001, NOT 2003, 2005, 2006, 2007, 2009, 2010

hhso.ChildMissedMealForFinReasons AS ChildMissedMealForFinReasons,
hhso.ChildMissedMealOccurLevel AS ChildMissedMealOccurLevel,
ol3.Description AS ChildMissedMealOccurLevelName
-- NOT 2001, NOT 2003, 2005, 2006, 2007, 2009, 2010
-- NOT 2001, NOT 2003, 2005, 2006, 2007, 2009, 2010
-- NOT 2001, NOT 2003, 2005, 2006, 2007, 2009, 2010
-----
FROM HHStatusObservations hhso
LEFT JOIN Visits v ON hhso.Visit = v.IntId
LEFT JOIN Events ve ON hhso.Visit = ve.IntId

LEFT JOIN WaterSources ws ON hhso.DrinkWaterSource1 = ws.Code
LEFT JOIN ToiletTypes tt ON hhso.ToiletType = tt.Code
LEFT JOIN EnergySources es ON hhso.MainCookingFuel = es.Code
LEFT JOIN FinancialSituations fs ON hhso.PerceivedFinancialStatus = fs.Code

LEFT JOIN OccurrenceLevels ol1 ON hhso.AdultMissedMealOccurLevel = ol1.Code
LEFT JOIN OccurrenceLevels ol2 ON hhso.AdultMissedFoodOccuranceLevel = ol2.Code
LEFT JOIN OccurrenceLevels ol3 ON hhso.ChildMissedMealOccurLevel = ol3.Code

LEFT JOIN HHOwnedItems hhoibdn ON hhso.Household = hhoibdn.Household
AND hhso.Visit = hhoibdn.Visit
AND hhoibdn.HouseholdItem = 'BDN' -- Bednet

LEFT JOIN HHOwnedItems hhoibed ON hhso.Household = hhoibed.Household
AND hhso.Visit = hhoibed.Visit
AND hhoibed.HouseholdItem = 'BED' -- Bed

LEFT JOIN HHOwnedItems hhoibic ON hhso.Household = hhoibic.Household
AND hhso.Visit = hhoibic.Visit
AND hhoibic.HouseholdItem = 'BIC' -- Bicycle

LEFT JOIN HHOwnedItems hhoiblm ON hhso.Household = hhoiblm.Household
AND hhso.Visit = hhoiblm.Visit
AND hhoiblm.HouseholdItem = 'BLM' -- Blockmaker

LEFT JOIN HHOwnedItems hhoicar ON hhso.Household = hhoicar.Household
AND hhso.Visit = hhoicar.Visit

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                AND hhoicar.HouseholdItem = 'CAR' -- Car

LEFT JOIN HHOwneItems hhoicbe ON hhso.Household = hhoicbe.Household
                            AND hhso.Visit = hhoicbe.Visit
                            AND hhoicbe.HouseholdItem = 'CBE' -- Car battery

LEFT JOIN HHOwneItems hhoictl ON hhso.Household = hhoictl.Household
                            AND hhso.Visit = hhoictl.Visit
                            AND hhoictl.HouseholdItem = 'CTL' -- Cattle

LEFT JOIN HHOwneItems hhoieco ON hhso.Household = hhoieco.Household
                            AND hhso.Visit = hhoieco.Visit
                            AND hhoibdn.HouseholdItem = 'ECO' -- Electric oven

LEFT JOIN HHOwneItems hhoiehp ON hhso.Household = hhoiehp.Household
                            AND hhso.Visit = hhoiehp.Visit
                            AND hhoiehp.HouseholdItem = 'EHP' -- Electric hotplate

LEFT JOIN HHOwneItems hhoiekt ON hhso.Household = hhoiekt.Household
                            AND hhso.Visit = hhoiekt.Visit
                            AND hhoiekt.HouseholdItem = 'EKT' -- Electric kettle

LEFT JOIN HHOwneItems hhoifrg ON hhso.Household = hhoifrg.Household
                            AND hhso.Visit = hhoifrg.Visit
                            AND hhoifrg.HouseholdItem = 'FRG' -- Fridge

LEFT JOIN HHOwneItems hhoigck ON hhso.Household = hhoigck.Household
                            AND hhso.Visit = hhoigck.Visit
                            AND hhoigck.HouseholdItem = 'GCK' -- Gas cooker

LEFT JOIN HHOwneItems hhoihsf ON hhso.Household = hhoihsf.Household
                            AND hhso.Visit = hhoihsf.Visit
                            AND hhoigck.HouseholdItem = 'HSF' -- Hoe/spade/fork

LEFT JOIN HHOwneItems hhoiklt ON hhso.Household = hhoiklt.Household
                            AND hhso.Visit = hhoiklt.Visit
                            AND hhoiklt.HouseholdItem = 'KLT' -- Kombi/Lorry/Tractor

LEFT JOIN HHOwneItems hhoikts ON hhso.Household = hhoikts.Household
                            AND hhso.Visit = hhoikts.Visit
                            AND hhoikts.HouseholdItem = 'KTS' -- Kitchen sink

LEFT JOIN HHOwneItems hhoimcs ON hhso.Household = hhoimcs.Household
                            AND hhso.Visit = hhoimcs.Visit
                            AND hhoimcs.HouseholdItem = 'MCS' -- Motorcycle

LEFT JOIN HHOwneItems hhoiols ON hhso.Household = hhoiols.Household
                            AND hhso.Visit = hhoiols.Visit
                            AND hhoiols.HouseholdItem = 'OLS' -- Other livestock

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LEFT JOIN HHOwnedItems hhoipmc ON hhso.Household = hhoipmc.Household
                                AND hhso.Visit = hhoipmc.Visit
                                AND hhoipmc.HouseholdItem = 'PMC' -- Primus cooker

LEFT JOIN HHOwnedItems hhoirad ON hhso.Household = hhoirad.Household
                                AND hhso.Visit = hhoirad.Visit
                                AND hhoirad.HouseholdItem = 'RAD' -- Radio

LEFT JOIN HHOwnedItems hhoisof ON hhso.Household = hhoisof.Household
                                AND hhso.Visit = hhoisof.Visit
                                AND hhoisof.HouseholdItem = 'SOF' -- sofa

LEFT JOIN HHOwnedItems hhoiswm ON hhso.Household = hhoiswm.Household
                                AND hhso.Visit = hhoiswm.Visit
                                AND hhoiswm.HouseholdItem = 'SWM' -- Sewing machine

LEFT JOIN HHOwnedItems hhoitbc ON hhso.Household = hhoitbc.Household
                                AND hhso.Visit = hhoitbc.Visit
                                AND hhoitbc.HouseholdItem = 'TBC' -- Table & chairs

LEFT JOIN HHOwnedItems hhoitll ON hhso.Household = hhoitll.Household
                                AND hhso.Visit = hhoitll.Visit
                                AND hhoitll.HouseholdItem = 'TLL' -- Telephone

LEFT JOIN HHOwnedItems hhoitmb ON hhso.Household = hhoitmb.Household
                                AND hhso.Visit = hhoitmb.Visit
                                AND hhoitmb.HouseholdItem = 'TMB' -- Cellphone

LEFT JOIN HHOwnedItems hhoitvs ON hhso.Household = hhoitvs.Household
                                AND hhso.Visit = hhoitvs.Visit
                                AND hhoitvs.HouseholdItem = 'TVS' -- TV

LEFT JOIN HHOwnedItems hhoivcr ON hhso.Household = hhoivcr.Household
                                AND hhso.Visit = hhoivcr.Visit
                                AND hhoivcr.HouseholdItem = 'VCR' -- Video

LEFT JOIN HHOwnedItems hhoiwbr ON hhso.Household = hhoiwbr.Household
                                AND hhso.Visit = hhoiwbr.Visit
                                AND hhoiwbr.HouseholdItem = 'WBR' -- Wheelbarrow

-- below here are 2001-only items
LEFT JOIN HHOwnedItems hhoihwg ON hhso.Household = hhoihwg.Household
                                AND hhso.Visit = hhoihwg.Visit
                                AND hhoihwg.HouseholdItem = 'HWG' -- Hot Water geyser

LEFT JOIN HHOwnedItems hhoiwsm ON hhso.Household = hhoiwsm.Household
                                AND hhso.Visit = hhoiwsm.Visit
                                AND hhoiwsm.HouseholdItem = 'WBR' -- Washing machine

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LEFT JOIN HHOwneDItems hhoieht ON hhso.Household = hhoieht.Household
                                AND hhso.Visit = hhoieht.Visit
                                AND hhoieht.HouseholdItem = 'EHT' -- Electric heater

LEFT JOIN HHOwneDItems hhoipt ON hhso.Household = hhoipt.Household
                                AND hhso.Visit = hhoipt.Visit
                                AND hhoipt.HouseholdItem = 'PHT' -- Paraffin heater

LEFT JOIN HHOwneDItems hhoishf ON hhso.Household = hhoishf.Household
                                AND hhso.Visit = hhoishf.Visit
                                AND hhoishf.HouseholdItem = 'SHF' -- Stereo or hi-fi

LEFT JOIN HHOwneDItems hhoicpt ON hhso.Household = hhoicpt.Household
                                AND hhso.Visit = hhoicpt.Visit
                                AND hhoicpt.HouseholdItem = 'CPT' -- Computer or laptop

LEFT JOIN HHOwneDItems hhoivan ON hhso.Household = hhoivan.Household
                                AND hhso.Visit = hhoivan.Visit
                                AND hhoivan.HouseholdItem = 'VAN' -- Combi van or taxi

LEFT JOIN HHOwneDItems hhoilor ON hhso.Household = hhoilor.Household
                                AND hhso.Visit = hhoilor.Visit
                                AND hhoilor.HouseholdItem = 'LOR' -- Lorry or transport

LEFT JOIN HHOwneDItems hhoitfv ON hhso.Household = hhoitfv.Household
                                AND hhso.Visit = hhoitfv.Visit
                                AND hhoitfv.HouseholdItem = 'TFV' -- Tractor or farm vehicle

LEFT JOIN HHOwneDItems hhoifrn ON hhso.Household = hhoifrn.Household
                                AND hhso.Visit = hhoifrn.Visit
                                AND hhoifrn.HouseholdItem = 'FRN' -- Furnishings

LEFT JOIN HHOwneDItems hhoijwt ON hhso.Household = hhoijwt.Household
                                AND hhso.Visit = hhoijwt.Visit
                                AND hhoijwt.HouseholdItem = 'JWT' -- Jewellery and watches

ORDER BY hhso.Household,
         ve.AssignedDate

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