
Subject: Merging Birth and Household Recodes
Posted by [cbdolan](#) on Tue, 05 Apr 2016 13:47:07 GMT
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I am using the 2007 and 2013/14 Birth and Household Recode files for the DRC.

According to the matching variable chart <http://www.dhsprogram.com/data/Merging-Datasets.cfm>, I can merge the birth and household recode file by constructing an equivalent match variables of v001+v002. I have done this using the Stata code below.

However, it isn't a perfect match. There are records in the using (household recode) that don't match the master (birth recode). This could be plausible. There could be households with no kids and therefore the output would make sense.

When searching the forum I see some people using additional variables to match birth and household recodes (b16, b6, and sometimes bidx or hidx). Therefore, I wanted to clarify that I am interpreting the match variable chart correctly and verify that I am correctly doing the match on v002+v002 (renamed in HH file).

Thanks!

```
*2013/2014
set more off
use "Y:\Carrie\REUMalaria\Data\4_DHS_HouseholdRecode\CDHR61FL.DTA"
keep hhid hv000 hv001 hv002 hv003 hv004 hv005 hv006 hv007 hv008 hv009 hv010 hv011 hv012
hv013 hv014 hv015 hv016 hv017 hv018 hv019 hv020 hv021 hv022 hv023 hv024 hv025 hv026
hv027 hv028 hv030 hv031 hv032 hv035 hv040 hv041 hv042 hv044 hv201 hv202 hv204 hv205
hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv213 hv214 hv215 hv216 hv217 hv218 hv219
hv220 hv221 hv225 hv226 hv227 hv228 hv230a hv230b hv232 hv232b hv232c hv232d hv232e
hv232y hv234 hv234a hv235 hv236 hv237 hv237a hv237b hv237c hv237d hv237e hv237f hv237g
hv237h hv237i hv237j hv237k hv237x hv237z hv238 hv239 hv240 hv241 hv242 hv243a hv243b
hv243c hv243d hv244 hv245 hv246 hv246a hv246b hv246c hv246d hv246e hv246f hv246g
hv246h hv246i hv246j hv246k hv247 hv252 hv253 hv253a hv253b hv253c hv253d hv253e hv253f
hv253g hv253h hv253x hv253z hv270 hv271 hml1 hml1a hml2
rename hv001 v001
rename hv002 v002
sort v001 v002
save "Y:\Carrie\REUMalaria\Data\4_DHS_HouseholdRecode\HO2_RECH2_13.dta",replace
clear

use "Y:\Carrie\REUMalaria\Data\4_DHS_BirthRecode\CDBR61FL.dta"
sort v001 v002
merge m:1 v001 v002 using
"Y:\Carrie\REUMalaria\Data\4_DHS_HouseholdRecode\HO2_RECH2_13.dta"
```

```
keep if _merge==3
drop _merge
*N=59,276(matched)
save "Y:\Carrie\REU\Malaria\Data\4_DHS_HouseholdRecode\HO2_RECH2_BR_13.dta", replace
clear
```

```
*2007
use "Y:\Carrie\REU\Malaria\Data\4_DHS_HouseholdRecode\cdhr50fl.DTA"
keep hhid hv000 hv001 hv002 hv003 hv004 hv005 hv006 hv007 hv008 hv009 hv010 hv011 hv012
hv013 hv014 hv015 hv016 hv017 hv018 hv019 hv020 hv021 hv022 hv023 hv024 hv025 hv026
hv027 hv028 hv030 hv031 hv032 hv033 hv035 hv040 hv041 hv042 hv043 hv044 hv201 hv202
hv204 hv205 hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv213 hv214 hv215 hv216 hv217
hv218 hv219 hv220 hv221 hv225 hv226 hv227 hv228 hv234 hv235 hv236 hv237 hv237a hv237b
hv237c hv237 hv237e hv237f hv237g hv237h hv237i hv237j hv237k hv237x hv237z hv238 hv239
hv240 hv241 hv242 hv243a hv243b hv243c hv243d hv244 hv245 hv246 hv246a hv246b hv246c
hv246d hv246e hv246f hv246g hv246h hv246i hv246j hv246k hv247 hv248 hv249 hv250 hv251
hv270 hv271 hml1 hml1a hml2
rename hv001 v001
rename hv002 v002
sort v001 v002
save "Y:\Carrie\REU\Malaria\Data\4_DHS_HouseholdRecode\HO2_RECH2_07.dta", replace
clear
```

```
use "Y:\Carrie\REU\Malaria\Data\4_DHS_BirthRecode\CDBR50FL.dta"
sort v001 v002
merge m:1 v001 v002 using
"Y:\Carrie\REU\Malaria\Data\4_DHS_HouseholdRecode\HO2_RECH2_07.dta"
keep if _merge==3
drop _merge
*N=29,548 (matched)
save "Y:\Carrie\REU\Malaria\Data\4_DHS_HouseholdRecode\HO2_RECH2_BR_07.dta",replace
append using "Y:\Carrie\REU\Malaria\Data\4_DHS_HouseholdRecode\HO2_RECH2_BR_13.dta"
save "Y:\Carrie\REU\Malaria\Data\4_DHS_HouseholdRecode\HO2_RECH2.dta",replace
```