Subject: MERGING IR MR & PR FILES
Posted by parul_jain on Thu, 08 Dec 2022 04:32:54 GMT
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Hi I am interested in merging IR MR & PR FILES together for DHS 2015-16 for India. Can you tell me how this could be done in stata?

Subject: Re: MERGING IR MR & PR FILES
Posted by Janet-DHS on Tue, 13 Dec 2022 21:27:37 GMT
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Following is a response from DHS staff member Tom Pullum:

The following Stata code will do this merge. You will have to change the paths to the workspace and the data files. Note that only 1/6 of the households were selected for the survey of men. (1/2 of the households in 1/3 of the clusters.) As a result there are many fewer men than women. The PR file includes all household members, not just those 15-49 who were selected for the individual surveys of women and men. Note also that in the India surveys, state (or region, hv024), is included in the ID code.

* Specify workspace
cd e:\DHS\DHS_data\scratch

* Save IR, MR, PR files, reduced to the needed variables
use "...IAIR74FL.DTA", clear
keep v0*
save IR.dta, replace

use "...IAMR74FL.DTA", clear
keep mv0*
save MR.dta, replace

use "...IAPR74FL.DTA", clear
keep hv0* hvidx
save PR.dta, replace

* Prepare IR file for merge
use IR.dta, clear
gen in_IR=1
tab1 in*
gen state=v024
gen cluster=v001
gen hh=v002
gen line=v003
sort state cluster hh line

```
save IRtemp.dta, replace

* Prepare MR file for merge
use MR.dta, clear
gen in_MR=1
tab1 in*
gen state=mv024
gen cluster=mv001
gen hh=mv002
gen line=mv003
sort state cluster hh line
save MRtemp.dta, replace

* Prepare PR file for merge
use PR.dta, clear
gen in_PR=1
tab1 in*
gen state=hv024
gen cluster=hv001
gen hh=hv002
gen line=hvidx
sort state cluster hh line

* Merge PR with IR
merge state cluster hh line using IRtemp.dta
rename _merge merge_PR_IR
sort state cluster hh line

* Merge with MR
merge state cluster hh line using MRtemp.dta
rename _merge merge_PR_MR
sort state cluster hh line
save IRMRPR.dta, replace

tab1 in* merge*
```