Subject: Re: Merge BDSQ7RDT and BDVA7RDT with the household data file
Posted by Bridgette-DHS on Thu, 01 Feb 2024 16:04:03 GMT
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Following is a response from Senior DHS staff member, Tom Pullum:

I recommend that you think of this as merging the SQ and PR data with the VA data. When you use the VA data, your interest is in the children (up to 8) for whom the mother provides information. The lines given below will do the merge, with one record per mother, as in the VA data. Your next step would probably be to reshape this file into a file that has one record per child.

It is not necessary to include "m:1" or 1:m" in the merge command. Let us know if you have questions.

```
* BD7R: Merge the PR, VA, and SQ files

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

* Prepare SQ file for merge
use "...BDSQ7RFL.DTA", clear
gen cluster=coclust
sort cluster
save SQtemp.dta, replace

* Prepare PR file for merge
use "...BDPR7RFL.DTA", clear
gen cluster=hv001
gen hh=hv002
gen line=hvidx
sort cluster hh line
save PRtemp.dta, replace

* Open the VA file and prepare for merge
* The VA file has up to 8 records per mother, 1 for each reference child,
use "...BDVA7RFL.DTA", clear
gen cluster=qncluster
gen hh=qnhnumber
gen line=qnmother
sort cluster hh line
merge cluster hh line using PRtemp.dta

* Reduce to the mothers who are in both the VA and PR file
tab _merge
keep if _merge==3
drop _merge
```

```
* Prepare for merge with the SQ file, which has one record per cluster
sort cluster
merge cluster using SQtemp.dta
tab _merge
keep if _merge==3
drop _merge

* Save this file, which has one record per mother, and reshape for one record per child
```