Subject: Re: Applying sample weights to a subset of DHS data
Posted by bensonjoon@gmail.com on Thu, 24 Mar 2016 13:03:04 GMT
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I want to create the variable fam_struct to assess the adolescent family structure using household member recode data set. This variable has four modalities: 1. living with both parents, 2. live with mother only, 3. live with father only, 4. Not living with both parents. The variable will be merged with individual dataset. May you please help me how I should go about this.

Subject: Re: Applying sample weights to a subset of DHS data
Posted by Bridgette-DHS on Fri, 08 Apr 2016 18:05:59 GMT
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Following is a response from Senior DHS Stata Specialist, Tom Pullum:

If I understand your question, you can do this very easily, without a merge, because of the questions about parental survival and coresidence that are asked about all children age 0-17 in almost all DHS surveys since about 2000. I use the following lines to describe coresidence with parents. I call the variable "cores_type" rather than "fam_struct" but my categories are the same as yours.

```
* coresidence typology
tab1 hv112 hv114
gen cores_type=.

* hv112r and hv114r identify parents who are in the household

gen hv112r=0
replace hv112r=1 if hv112>0 & hv112<98

gen hv114r=0
replace hv114r=1 if hv114>0 & hv114<98

replace  cores_type=1 if  hv112r==1 & hv114r==1
replace  cores_type=2 if  hv112r==1 & hv114r==0
replace  cores_type=3 if  hv112r==0 & hv114r==1
replace  cores_type=4 if  hv112r==0 & hv114r==0

#delimit ;
label define cores_type 1 "Living with both parents" 2 "With mother, not father"
3 "With father, not mother" 4 "Living with neither parent";
#delimit cr

label values cores_type cores_type
```

To match the DHS table on orphanhood and coresidence, you also must check that the mother and/or father are de jure residents of the household, i.e. that hv102 is 1 for the mother and/or the

father. For your purposes, that is probably not necessary.