
Subject: Re: weighting to obtain subnational summary estimates

Posted by [Bridgette-DHS](#) on Wed, 05 Aug 2015 16:22:20 GMT

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Following is a response from Senior DHS Stata Specialist, Tom Pullum:

Yes, you do need to use weights. You will find that there is some variation in the weights from one cluster to another, even within the same stratum.

The general rule is to use individual-level weights rather than household weights, when you have a choice. I would expect virtually no difference in results, whether you used (a) hv005 or (b) v005 and mv005, especially for the household head, but I recommend that you use (b) because it may have a more complete adjustment for nonresponse.

Here is what I would do.

* open the PR file; save if hv101==1; sort hv001 hv002 hvidx; save as PRtemp.dta

* open the IR file; keep the variables you want ; save as IRtemp.dta

* open the MR file; rename mv* v*; keep the variables you want; append to IRtemp.dta; save as IRMRtemp.dta

* open IRMRtemp; rename v001 hv001; rename v002 hv002; rename v003 hvidx; sort hv001 hv002 hvidx; merge with PRtemp; keep if _merge==3;

* gen weight=v005/1000000; svyset as you have it, etc.

Note that in DHS surveys the household head (hv101=1) is usually on line 1 (hvidx=1) BUT NOT ALWAYS.
