Subject: Re: Sampling weights, cluster, strata in AIDS recode (AR)
Posted by Bridgette-DHS on Thu, 04 Feb 2016 14:36:46 GMT

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

Correct. However, hivclust will be the same as v001 or hv001 (or v021 or hv021). They will be matched in the merge. You can think of the cluster id as being given by the AR file or the file you have merged with--it makes no difference because they are the same. The weight comes from the AR file (hiv05) and the stratum id comes from the file you have merged with.

Sometimes we want to look at the HIV status of couples, where both the man and the woman have been tested. In that situation you have hiv05 for the man and hiv05 for the woman. In that situation we use hiv05 for the man as the couple weight. The reason is that refusal rates are higher for men than for women. The weights include an adjustment for nonresponse. Getting the couple depends more on getting the man than on getting the woman, so it's more important to include the man's adjustment than the woman's adjustment. Of course you could define a couple weight differently, as you choose, but to match DHS results for couples you would use the man's value of hiv05 as the couple weight.