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Subject: Appending datasets of one country for several years

Posted by [Kamola](#) on Mon, 23 Jul 2018 05:14:39 GMT

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Hello.

I have a problem when appending the datasets of one country but several years. For example, children's recode for 2 years: 2002 and 2012.

Since I'm using survey data analysis in Stata (svyset), I need to define strata and PSU. Strata for one country is not difficult to do, however identifying PSUs remains a challenge since PSU number in each dataset is different.

Could you please let me know how to deal with an issue like this?

Beforehand thank you

Best regards,  
Kamola

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Subject: Re: Appending datasets of one country for several years

Posted by [Bridgette-DHS](#) on Tue, 11 Sep 2018 00:45:28 GMT

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

Yes, you definitely need to construct unique ID codes for the clusters (PSUs) in the separate rounds. I suggest the following. First, give separate survey numbers to the 2002 and 2012 rounds, during the appending. For example, say that they are survey=1 and survey=2. You then construct a unique PSU ID with "egen clusterid=group(survey v001)". Similarly, if v023 is the stratum variable, you can construct a unique stratum ID with "egen stratumid=group(survey v023)". Then you put clusterid and stratumid in the appropriate places in svyset. There have been other posts on this topic.

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Subject: Re: Appending datasets of one country for several years

Posted by [boyle014](#) on Tue, 11 Sep 2018 16:56:33 GMT

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Dear Kamola,

Just a quick note that IPUMS DHS includes unique PSU and Strata variables so users don't have to construct them. They're called idhspu and idhsstrata, respectively. They are "preselected," meaning they are automatically added to any dataset a user creates at the IPUMS DHS website.

IPUMS DHS is a tool that makes using DHS data files easier. You just select the samples, years, and variables you want. Then you click on View Data Cart to create a single, integrated dataset,

with all variables fully harmonized. Use the website itself as a reference--every variable name takes you to important documentation about the variable, such as the skip pattern that produced it (this is under the Universe tab). To use IPUMS DHS, you have to be registered to use DHS data.

Liz Boyle

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