Subject: EHIS 2015 Strata variable
Posted by Saeed_EG on Sun, 20 Sep 2020 11:24:14 GMT
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I have a question regarding Egypt HIS 2015, which one is the survey strata variable? I searched the DHS users forum but only one answer is there which suggests doing cross classifications of governorates and rural/urban variables to generate a new variable which is the strata variable? can someone advice what is the code for cross classification of the 2 variables in Stata?

Subject: Re: EHIS 2015 Strata variable
Posted by Bridgette-DHS on Fri, 25 Sep 2020 13:51:23 GMT
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Following is a response from DHS Senior Sampling Specialist, Mahmoud Elkasabi:

Yes, what you found is correct. You need to create a stratification variable based on the governorates by urban/rural. Since this survey is a country specific survey and does not follow the DHS traditions in naming the survey variables, different names are used for governorates (hgovern) and urban/rural (htype). Below is a Stata code that can be used to create the stratification variable:

egen strata=group(hgovern htype)

Subject: Re: EHIS 2015 Strata variable
Posted by Saeed_EG on Sat, 26 Sep 2020 00:02:59 GMT
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Thank you so much, this was really useful, the issue I face when using this strata variable is error message because of "stratum with single psu" there is options in survey setup commands in stata regarding "single unit" to be "certainty, scaled, centered, missing..) which one to choose to conduct the analysis?

Subject: Re: EHIS 2015 Strata variable
Posted by Bridgette-DHS on Mon, 28 Sep 2020 13:39:29 GMT
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Following is another response from DHS Senior Sampling Specialist, Mahmoud Elkasabi:

Please use: singleunit(centered)