Subject: Weighting variable in Turkey
Posted by seyma on Fri, 19 Apr 2019 09:48:38 GMT
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Dear DHS experts,

I am using the Turkey DHS 1993, 1998, 2003, 2008, and 2013 child data files.
DHS used V022 or V023 for strata when weighting on youtube videos.

In the 1993, 1998, 2003, 2008 DHS data sets:
V022:Sample stratum number
V023:Sample domain

And in the 2013 DHS data set:
V022:Sample strata for sampling errors
V023:Stratification used in sample design

Should I use the V022 variable or the V023 variable for "strata" when weighting?

Thank you so much
Best regards

Subject: Re: Weighting variable in Turkey
Posted by Bridgette-DHS on Mon, 29 Apr 2019 11:59:14 GMT
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Following is a response from DHS Senior Sampling Specialist, Mahmoud Elkasabi:

For years 1993-2008, you can use v022 for stratification.
For 2013, it looks like both v022 and v023 are not coded in a correct way. Therefore, you need to create the stratification variable yourself. Fortunately the stratification is well documented in the final report https://dhsprogram.com/pubs/pdf/FR352/FR352.pdf in page 197.
You will need to create a new stratification variable based on the following variables v025 and shprovin.

Another proxy for the stratification variable might be based on v025, v024 and shregion, however this will result in 31 strata, 5 strata less than the original 26 strata. Below is the Stata code for the proxy version:
egen strata = group(v024 shregion v025)

Subject: Re: Weighting variable in Turkey
Posted by seyma on Mon, 29 Apr 2019 21:17:30 GMT

thank you so much
Best regards