
Subject: Taking slum into account for sampling (NFHS4)
Posted by [omogeonago](#) on Mon, 05 Feb 2018 21:05:33 GMT
[View Forum Message](#) <> [Reply to Message](#)

I am working with the the new NFHS 4 dataset. I am trying to figure out the correct svyset.
I used this syntax
egen strata = group(v024 v025)
svyset v021 [pw=v005/1000000], strata(strata) singleunit(centered)

However, the recode documentation indicates that the survey was "weighted by state and urban/rural, and within major cities by slum/non-slum"

In that case, should I be using this syntax instead?

```
gen slum=sslumc==1|sslumo==1
egen strata = group(v024 v025 slum)
svyset [pw=v005/1000000], psu(v021) strata(strata) singleunit(centered)
```

Thank you for your help

Subject: Re: Taking slum into account for sampling (NFHS4)
Posted by [Bridgette-DHS](#) on Thu, 15 Feb 2018 14:11:23 GMT
[View Forum Message](#) <> [Reply to Message](#)

Following is a response from DHS Senior Sampling Specialist, Mahmoud Elkasabi:

The stratification in the NHFS4 is so complicated; within each rural districts we had 3 sub-strata and within urban districts we have slum/non-slum sub-stratification. Anyway, any analysis should consider HV022 or HV023 as the stratification variable. The user does not need to recreate the stratification variable.