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Subject: Appropriate stratification variable for NFHS data

Posted by [econ\\_stata](#) on Fri, 04 Sep 2015 18:17:43 GMT

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I am working with the NFHS-3 survey KR dataset in Stata, studying the determinants of child health at the all-India level, and have a doubt about the appropriate stratification variable for the survey declaration. Looking at various answers on the Forum, I see recommendations by experts for both

1. v022, "sample stratum number" (73 distinct values)

e.g, by Trevor-DHS here

[http://userforum.dhsprogram.com/index.php?t=msg&goto=3268&S=c572d650be37c4375bff4d100ab9ced0&srch=NFHS+strat a#msg\\_3268](http://userforum.dhsprogram.com/index.php?t=msg&goto=3268&S=c572d650be37c4375bff4d100ab9ced0&srch=NFHS+strat a#msg_3268)

2. a grouping of v024, "state" (29 values) with v025, "type of place of residence" (2 values), i.e.,

egen float stratum = group(v024 v025), resulting in 58 distinct values,

e.g., from Ruilin Ren here

[http://userforum.dhsprogram.com/index.php?t=msg&goto=2134&S=c572d650be37c4375bff4d100ab9ced0&srch=NFHS+strat a#msg\\_2134](http://userforum.dhsprogram.com/index.php?t=msg&goto=2134&S=c572d650be37c4375bff4d100ab9ced0&srch=NFHS+strat a#msg_2134)

I was using option 2 so far, but revisiting this issue, I checked the NFHS publication

'National Family Health Survey (NFHS-3), 2005-06: India: Volume I', section on Sample Design, p61, (copy uploaded)

and it seems the stratification scheme is more complex than just the simple grouping of State & place of residence.

I would really appreciate a definitive answer to this from one of the experts familiar with the NFHS data- I think this would serve many researchers now & in future as well.

### File Attachments

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1) [2SamplingDesign\\_from\\_NFHS\\_FRIND3-Vol1AndVol2 copy.pdf](#),  
downloaded 752 times

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