
Subject: household member level data
Posted by [namsgfr](#) on Thu, 07 Aug 2014 11:49:14 GMT

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Dear DHS,

I'm doing a sub analysis of the Nigeria 2013 data, successfully managed to reproduce household level estimates. I'm embarking on defacto member level estimates e.g. %defacto members that slept under an ITN the previous night.

From the datasets, i'm thinking the HR6 file is what i need to use. however i see it is reshaped wide, up to 35 members. I'm thinking of reshaping it long again and then do the analysis on all indicators whose denominator is defacto hh members

1. Is it the right approach, i'm i using the right dataset?
2. Will i use the same sample weights (hv005)when it is reshaped? i would imagine i need to take into consideration clustering of members in the household?

thanks

Geoffrey Namara
Malaria Consortium
Africa Regional Office

Subject: Re: household member level data
Posted by [Liz-DHS](#) on Wed, 22 Oct 2014 21:04:50 GMT

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Dear Geoffrey,

Here is a response from one of our experts, Cameron Taylor:

Hi Geoffrey,

To answer your question, yes, you need to be using a different file. Since your unit of analysis (case) is at the household member level your should be using our household member file (also referred to as PR file). This dataset has one record for every household member. You will also be using the hv005 weight when working in the PR file. You can read more about sample weights in DHS datasets under Step 7 <http://dhsprogram.com/data/Using-Datasets-for-Analysis.cfm>.

Finally, to restrict your data set to only defacto household members you should use the variable hv103. Hope this answers your question!

Example Stata Code

```
use " NGPR6AFL.DTA"  
g wgt = hv005/1000000  
g itn=(hml12==1|hml12==2)  
tab itn if hv103==1 [iweight=wgt]
```

Subject: Re: household member level data
Posted by [namsgfr](#) on Thu, 23 Oct 2014 06:46:36 GMT

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Thanks, yes it does.
