Subject: Re: Bed Net Usage in the 2014 DHS
Posted by Bridgette-DHS on Thu, 05 Jan 2017 19:08:01 GMT
View Forum Message <> Reply to Message

Following is a response from DHS Senior Research Associate, Cameron Taylor.

Thanks for your question. To begin with if you are wanting to look at ITN usage indicators you will want to use the PR file (KEPR70FL) instead of the HR file (KEHR70FL). The PR is the peoples recode file so the unit of analysis is "people" where the HR file (household recode) the unit of analysis is the "household".

You are correct in that hml12 is usually the variable in the HR/PR files that you would want to use, however, in Kenya there was a country specific variable created since the report looks at nets treated in the past 6 months instead of the typically used 12 months. This variable is called shml12. You will need to use shml12 to replicate the final report tables.

For examining "Children under five estimate for sleeping under ITN previous night" you could use the following code (presented in Stata)

gen wt=hv005/1000000

gen itn=0
replace itn = 1 if shml12==1

tab itn if hv103==1 & hml16<5 [iweight=wt]

Your second question you are asking to calculate "Number of household members above 5 years who slept under the bed net last night". This is not a common malaria indicator since in most cases you are just wanting to examine the whole household population sleeping under an ITN the previous night not just those >5 years of age. However, if that is your particular research question you can update the code below to say hml16>5

Please let us know if you have any additional questions