Subject: ITN Ownership
Posted by schla300 on Mon, 25 Jan 2016 20:23:23 GMT
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Hello,

I am working with the Malaria Indicator Survey for Madagascar, 2013. I am interested in creating a variable for ITN ownership. Is there a way i can do this? I am wondering what exactly the categorical variable "HML10: Insecticide-Treated Net (ITN)" represents, and if it could be used to create a variable for household ownership of at least one ITN.

Thank you!

Subject: Re: ITN Ownership
Posted by Liz-DHS on Tue, 26 Jan 2016 20:05:36 GMT
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Response by malaria expert, Cameron Taylor:
Quote:
Dear User,
Great question! To better understand this variable it is helpful to look at the bed net roster located in the Household Questionnaire (pg 129 in the Madagascar MIS 2013). The DHS collects bed net information about each net in the household which is how it is categorized in the dataset. For example HML10_1 is if Bed Net #1 in the household is an ITN or not, HML10_2 is if Bed Net #2 in the household is an ITN or not, etc. We have information in the dataset up to Bed Net #7.

To code this you need to loop through all the bed nets in the household and if any of the bednets in the household are an ITN you want to create a variable noting that the household has at least one ITN. Below is Stata code for how to code this variable. It is generating a variable called ITN in Household and loops through the hml10_1-7 variables and tallying which ones have ITNs in the household

```
g ITNinHH=0
        forvalues x=1/7 {
                replace ITNinHH=1 if hml10_`x'==1
        }
lab var ITNinHH "Household own at least one ITN"
```

Let us know if you need more clarification on this variable.

Subject: Re: ITN Ownership
Posted by schla300 on Wed, 27 Jan 2016 18:17:15 GMT
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Hi

Thank you, for your quick response! I do have one more question. The document you are referring to, where is that located? I have downloaded the SAS files of the data, and the recode manuals, but I do not believe that I have the document you are referring to.

Thank you!

Subject: Re: ITN Ownership
Posted by Liz-DHS on Wed, 27 Jan 2016 18:37:48 GMT
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Dear User,
If you are referring to the questionnaire(s) for the Madagascar MIS 2013, the questionnaires are located in an appendix in the final report. The final report is book
marked and can be downloaded from our website at http://
dhsprogram.com/publications/publication-MIS17-MIS-Final-Repo rts.cfm

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Subject: Re: ITN Ownership
Posted by schla300 on Wed, 17 Feb 2016 03:13:45 GMT
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I appreciate the feedback and guidance on this. Do you happen to have SAS code for this?

Subject: Re: ITN Ownership
Posted by Liz-DHS on Wed, 17 Feb 2016 04:07:11 GMT
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Dear User,
We do not have SAS code to distribute.
Thank you for your post!

Subject: Re: ITN Ownership
Posted by schla300 on Sun, 21 Feb 2016 04:55:42 GMT
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Hello,

I am working with the individual recode file for the malaria indicator survey for madagascar for 2013. For the variable v459 (Have bed net for sleeping), is there a way to determine if the type of mosquito bed net they have is an ITN? I have been trying to work with the final report file, but my French is not the best so I am having a little difficulty interpreting it.

Thank you!

Dear User,
Here is a response from one of our experts, Cameron Taylor:
Quote:
Dear user,
If you are using the file MDIR6HFL from the 2013 MIS survey you will see a variable called ml101 "Type of mosquito bed net(s) slept under last night". This is the variable that specifies if the net is treated or not.

The next part is a little tricky in that the possible choices for ml101 are:
0. No net
1. Only treated nets
2. Both treated and untreated nets
3. Only untreated nets

To recode this you should create a variable combining individuals that slept under "only treated nets" OR "both treated and untreated nets" to calculate ITNs.

Here is an example in Stata of how to recode ml101:
generate ITN =0 if ml101==0   //   no net used
replace ITN =1 if ml101==1| ml101==2   //   only treated net used OR treated AND untreated used
replace ITN=2 if ml101==3   //   only untreated

In your original question you asked "is there a way to determine if the type of mosquito bed net they have is an ITN". Variable ml101 is about the treatment of the net they slept under the previous night. If you want to examine if the net in the household is an ITN regardless if someone slept under it last night you need to refer to the Household Recode file.

Please note that the individual recode (IR file) only contains information about women who slept in the household the previous night (de facto) women who are between the ages of 15-49. If you are wanting to gather information about pregnant women or children under five who slept under a bed net the previous night I would highly suggest that you use the Peoples Recode (PR) file for your analysis so that you are not limiting to women with completed interviews. Your research question/unit of analysis is what will dictate which files you should use.

Cameron