
Subject: Households with at least 1 ITN in all countries
Posted by [Nelly_WHO](#) on Fri, 21 Apr 2017 10:26:23 GMT
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Hi all,

The results that DHS have produced for the proportion of households with at least 1 ITN match my results most of the time, except for a few countries:

- Cameroon 2011: here I guess I need to select only households not selected for the men's questionnaire? i.e. hv027=0?
- Chad 2014-2015
- Guyana 2005: I found different results by wealth quintile (I have used hv270). Do I need to use a different variable?
- Kenya 2003
- Pakistan 2006
- Zambia 2001-2002: I could not find the variable hv270 in this dataset. Have you used another variable than this one?

I also found results for Senegal 2015 (for total and all subdivisions) and Mali 2010 (total and by residence only) => Is there a particular reason why those results are not in the stat compiler?

Thank you very much,

Nelly

Subject: Re: Households with at least 1 ITN in all countries
Posted by [Bridgette-DHS](#) on Mon, 24 Apr 2017 11:19:24 GMT
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Following is a response from DHS Senior Research Associate, Cameron Taylor:

Hi Nelly,

Here are the answers to your questions. When you are done with your report please share it with us at DHS. It seems like this is part of a much bigger report that is highlighting DHS malaria data.

- Cameroon 2011: here I guess I need to select only households not selected for the men's questionnaire? i.e. hv027=0?

- Please see this previous user forum post. You are correct in that you should restrict to "if hv027==0"

http://userforum.dhsprogram.com/index.php?t=msg&goto=11105&&srch=cameroon+ITN#msg_11105

- Chad 2014-2015

- Same as Cameroon, you need to restrict to households not selected for the men's questionnaire

tab ITNinHH if hv027==0 [iweight=wt]

- Guyana 2005: I found different results by wealth quintile (I have used hv270). Do I need to use a different variable?

- I am matching the report when using variable hv270. I checked StatCompiler (which I am assuming you were using) and the results are different on StatCompiler. I will check with our StatCompiler administrator to get that changed.

```
g ITNinHH=0
forvalues x=1/2 {
replace ITNinHH=1 if hml10_`x'==1
}
tab ITNinHH hv270 [iweight=wt], col
```

- Kenya 2003

- Kenya surveys are slightly different with their ITN variables in that they restrict the indicator to nets that have been treated within 6-months instead of the typical 12 months. You will see country specific variables (sh or s variables) in more recent datasets that include a specific 6-month retreatment. If you want to match the report you should use the following code. If you want the indicator to be the same in a multi-country analysis I would exclude the hml9 variable which is specifying time since last treatment.

```
gen wt=hv005/1000000
g ITNinHH=0
forvalues x=1/6 {
replace ITNinHH=1 if hml10_`x'==1 & hml9_`x'<6
}
tab ITNinHH [iweight=wt]
```

- Pakistan 2006

- I am matching the report using

```
g ITNinHH=0
forvalues x=1/2 {
replace ITNinHH=1 if hml10_`x'==1
}
tab ITNinHH [iweight=wt]
```

- Zambia 2001-2002: I could not find the variable hv270 in this dataset. Have you used another variable than this one?

- Yes this dataset does not include a wealth index variable. You will need to download the wealth index file ZMWI41FL.DTA and merge it into the HR file.

I also found results for Senegal 2015 (for total and all subdivisions) and Mali 2010 (total and by residence only) => Is there a particular reason why those results are not in the stat compiler?

- We are still working on getting Senegal 2015 put on StatCompiler. Since it is a continuous survey it adds a layer of complication. The Mali 2010 A&P survey is a non-standard survey which is why it is not on Stat Compiler.

Please let us know if you have additional questions
Cameron

Subject: Re: Households with at least 1 ITN in all countries

Posted by [Nelly_WHO](#) on Fri, 28 Apr 2017 15:25:30 GMT

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Thank you very much Cameron, and of course we will share our results with you. We will contact you very soon to tell you more about our current project.

Have a good week end,

Nelly
