

Dear all,

We are trying to reproduce the % of pregnant women that slept under a insecticide-treated net in the previous night for Tchad 2014 (Table 11.7 in the country report).

We are using the following codes to calculate the results:

**** IR dataset ****

```
gen itnwm=.
replace itnwm=0 if v213==1
recode itnwm (0=1) if inrange(ml101,1,2)
svyset v021 [pweight=v005]
svy: prop itnwm
```

We found an estimate of 22.6% and a weighted sample size of 2,388, however the results in the report are 34.7% and sample size 1,572.

The table mention that the results are restricted to women that slept in the household the night before, but we checked and the variable v213 is already restricted to this group:

**** PR dataset ****

```
ta hml18 if hv104==2
```

```
pregnancy status from |
individual file |   Freq.   Percent   Cum.
-----+-----
not pregnant, don't know |   15,469    86.09    86.09
      pregnant |     2,500    13.91   100.00
-----+-----
Total |   17,969   100.00
```

```
. ta hml18 if hv104==2 & hv103==1
```

```
pregnancy status from |
individual file |   Freq.   Percent   Cum.
-----+-----
not pregnant, don't know |   15,259    86.12    86.12
      pregnant |     2,460    13.88   100.00
-----+-----
Total |   17,719   100.00
```

**** IR dataset ****

```
. ta v213
```

currently pregnant	Freq.	Percent	Cum.
-----+-----			
no or unsure	15,259	86.12	86.12
yes	2,460	13.88	100.00
-----+-----			
Total	17,719	100.00	

Are we missing any restriction to the denominator? We use the same code for other surveys and it seems to work.

Thank you!
Best wishes,
Fernanda

Subject: Re: Inseticide-treated net (malaria) - Tchad 2014
Posted by [Bridgette-DHS](#) on Tue, 10 Jan 2017 15:45:58 GMT
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Following is a response from DHS Senior Research Associate, Cameron Taylor:

Quote:

Thank you for your question and your code. You are correct in that the Tchad data does require an extra restriction for this indicator. In this survey mosquito net questions were only asked to households that were not selected for the men's questionnaire. So you need to add the restriction hv027==0 to your tabulation. You can read more about the sampling (ÉCHANTILLONNAGE) on page 7 and 8 in the final report.

I tried to replicate your code on other surveys and I am not matching denominators. I would suggest you re-examine your code for other surveys since you should be using the PR file to replicate this indicator. Here is the code you can modify for TChad 2014-15

```
use "TDPR71FL.DTA", clear
gen itn=(hml12==1|hml12==2)
gen wt= hv005/1000000
tab itn if hv103==1 & hv104==2 & hml18==1 & hml16>=15 & hml16<=49 & hv027==0 [iweight=wt]
```

Subject: Re: Inseticide-treated net (malaria) - Tchad 2014
Posted by [fewerling](#) on Tue, 10 Jan 2017 16:48:38 GMT
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It worked. Thank you!
