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Subject: Re: Percentage of households with at least 1 ITN

Posted by [Liz-DHS](#) on Mon, 24 Oct 2016 16:22:25 GMT

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A response from Malaria Expert, Cameron Taylor:

Quote:

Dear Ahmed M Kamel,

Thank you for your question. You are correct in the way you were initially calculating the indicator, however, the Cameroon DHS 2011 survey is a little bit different than other DHS surveys due to the sample design. If you look on page 13 of the final report you will see a diagram on the organization of the survey. "Protection contre moustiques" is only asked of 50% of households. In other words it was only asked of households NOT selected for the male questionnaire. Below is the SPSS syntax for further clarification. I used a loop to create the ITN in households variable but your code will work as well.

Let us know if you have any additional questions

```
*/ Weighting table.
```

```
compute wt= hv005/1000000.
```

```
weight by wt.
```

```
*/ ITN variable creation in HR file.
```

```
COMPUTE ITNinHH = 0.
```

```
VECTOR HML10 = HML10$1 TO HML10$7.
```

```
LOOP i = 1 to 7.
```

```
+ IF ( HML10(i) = 1) ITNinHH = 1.
```

```
END LOOP.
```

```
VARIABLE LABELS ITNinHH "Household own at least one ITN".
```

```
*/ Selecting only households not selected for the men's questionnaire.
```

```
SELECT IF hv027=0.
```

```
freq ITNinHH.
```