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Subject: Weighting data

Posted by [pjoshi](#) on Tue, 30 Sep 2014 10:57:21 GMT

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Hi,

I am working with the 2011 data set for Nepal and I had a question regarding the sample weights. I have been performing very basic calculations to try and replicate the results of DHS 2011 report to understand the data. However, my numbers don't match the numbers on the report and I want to check if I am missing something important. In order to apply the sample weights when performing calculations on STATA, is the following process correct?

Example: to calculate the mean number of household members

```
gen weight= HV005/1000000
```

```
svyset HV021 [pweight=weight], strata( HV023)
```

I get the following message after this:

```
pweight: weight
VCE: linearized
Single unit: missing
Strata 1: HV023
SU 1: HV021
FPC 1: <zero>
```

Next, I entered  
svy: mean V009

I get a mean of 4.6 while the number of the DHS report is 4.4. I would really appreciate any help on this.

Thanks!