
Subject: How do i get the sample size as Table 11.1 of NDHS 2011 (Page 166-7)

Posted by [user](#) on Tue, 30 Aug 2016 17:15:47 GMT

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Hi,

I tried to calculate the prevalence of Stunting among Nepalese children using PR file (NDHS 2011). However, my calculations resulted in different sample size than the NDHS 2011 final report (2473 Vs 2475) from the Table 11.1 of the final report of NDHS 2011. Can anyone please suggest me what should i do to get the correct number of children (2475)?

The stata codes i had used:

*Declaring Survey data

```
gen finalwt=hv005/1000000
```

```
svyset hv001 [pweight=finalwt], strata(hv022) vce(linearized) singleunit(missing) || hv002
```

* Calculation of Stunting (Height for Age)

```
gen HAZ=hc70
```

```
replace HAZ=. if HAZ>=9996
```

```
gen stunting=.
```

```
replace stunting=0 if HAZ ~.=.
```

```
replace stunting=1 if HAZ<-200
```

```
svy: tab stunting
```

and it produced,

```
. svy: tab stunting
```

(running tabulate on estimation sample)

Number of strata = 25 Number of obs = 2,473

Number of PSUs = 287 Population size = 2,536.2319

Design df = 262

stunting proportion

```
0 .5922
```

```
1 .4078
```

```
Total 1
```

Key: proportion = cell proportion

Here, the total number of children included is less (2 less) than the NDHS reported, therefore it impacted on the proportion too.

Any help regarding this would be appreciated.

Sincerely,
