
Subject: Trend analysis for Nutritional status of children

Posted by [Sasmita](#) on Thu, 14 Mar 2019 13:45:18 GMT

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Dear DHS experts,

I am doing a trend analysis of Nepal DHS data on the nutrition status of under 5 years in different waves from 2001-2016. I merged PR and KR file as I am interested to see both children and maternal-related variables. I am using SPSS.

Problem 1

While working for the data analysis, I could replicate the exact figure from the report for stunting only for the year 2016 data. And could not find a similar figure as in report for other waves (2001, 2011, 2016) with similar consideration. for example, I get 2485 instead of 2475 in 2011 and 5258 instead of 5262 in 2006. I have tried many times and I am taking into consideration:-

- a) sample weight variable (HV005/1000000)
- b) selected de facto children using HV103

Syntax used for Stunting.

```
recode hc70 (lo thru -201 = 1) (-200 thru 9990 = 0 ) (else=sysmis) into stunting.  
variable labels stunting "Stunting".  
value labels stunting 0 "Not stunted" 1 "Stunted".  
formats stunting (f1.0).
```

```
compute wgt = hv005/1000000.  
weight by wgt.
```

```
compute filter_$(hc70 < 9990 & hv103=1).  
variable labels filter_$(hc70 < 9990 & hv103=1 (FILTER)).  
value labels filter_$(0 'Not Selected' 1 'Selected').  
formats filter_$(f1.0).  
filter by filter_$.  
execute.
```

```
frequencies stunting.
```

Problem 2 :

a) Should I merge the HW file to PR file then only merge the combined file to KR file? Or merge HW file with merged datasets of KR and PR file?

I would be grateful if you can share the ideas for solving these issues. I am struggling with this difference in figures.

Thank you.
