
Subject: Replicate Weighted/Unweighted Number of Children

Posted by [Yue_Chen](#) on Wed, 09 May 2018 15:16:28 GMT

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Dear DHS Experts,

I am trying to replicate the numbers from Table 11.1 Nutritional Status of Children (Page 159), in Ethiopia 2011 report. Below is my code for getting the percentages for different age groups and the weighted and unweighted number of children:

Use ETKR61FL.DTA

```
gen stratid = v022
gen psu = v021
gen weight = v005/1000000
svyset psu [pw=weight], strata(stratid)
```

*living with mother (respondents)

keep if b9==0

*child's age in months

gen age=v008-b3

label var age "Age in Months"

*drop if not alive

keep if b5==1

*age intervals

recode age (0/5=1 "0-5")(6/8=2 "6-8")(9/23=3 "9-23")(24/59=4 "24-59")(else=.), gen(child_age)

*tab of all living children

tab child_age

tab child_age [iweight=weight]

*Stunted & Wasted

*The measures are presented with two implied decimal places.

*No decimal points are included in the data file.

*Stunted (Height/Age)

tab hw70, missing

gen stunted=0

replace stunted=1 if hw70<-200

replace stunted=. if hw70==.

replace stunted=. if hw70>600

tab stunted, missing

tab stunted [iweight=weight]

tab child_age stunted, row

tab child_age stunted [iweight=weight], row

My age intervals are slightly different from the report. But for example, the first category, children under 6 months, the numbers I got are still different from the report.

Percentage below -2SD: 9.92% (10.0% in the report); Weighted number of children: 1,042 (1,078 in the report); Unweighted: 995 (1015 in the report).

It would be really great if anybody could help me with this. Thanks in advance!

Subject: Re: Replicate Weighted/Unweighted Number of Children
Posted by [Bridgette-DHS](#) on Fri, 11 May 2018 15:10:26 GMT
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Following is a response from Senior DHS Stata Specialist, Tom Pullum:

This table is constructed from the PR file, using hc70, and is limited to de facto children (hv103=1). The following lines will match the relevant numbers in the "total" row of the table:

```
gen stunted=0
replace stunted=1 if hc70<-200
replace stunted=. if hc70<-600 | hc70>600
summarize stunted [iweight=hv005/1000000] if hv103==1
```