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Subject: child nutrition BDHS-2011

Posted by [soheluhrd](#) on Mon, 14 Jul 2014 06:05:48 GMT

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I used Bangladesh DHS-2011 "Children's Data - Children's Recode (KR)" data set to estimate prevalence of stunting, wasting and underweight among children.

I found the prevalence of stunting, wasting and underweight are as 40.6%, 15.4% and 35.8% respectively. But the BDHS 2011 report shows the prevalence as 41.3%, 15.6% and 36.4% respectively.

i used following STATA commands:

```
// child stunting calculation
codebook hw70
tab hw70 if hw70>9990,m
tab hw70 if hw70>9990,m nolabel
gen HAZ=hw70
replace HAZ=. if HAZ>=9996
histogram HAZ
gen stunted=.
replace stunted=0 if HAZ ~=.
replace stunted=1 if HAZ<-200
tab stunted
```

```
// child wasting calculation
codebook hw72
tab hw72 if hw72>9990,m
tab hw72 if hw72>9990,m nolabel
gen WAH=hw72
replace WAH=. if WAH>=9996
histogram WAH
gen wasted=.
replace wasted=0 if WAH ~=.
replace wasted=1 if WAH<-200
tab wasted
```

```
// child underweight calculation
codebook hw71
tab hw71 if hw71>9990,m
tab hw71 if hw71>9990,m nolabel
gen WAZ=hw71
replace WAZ=. if WAZ>=9996
histogram WAZ
gen underweight=.
replace underweight=0 if WAZ ~=.
replace underweight=1 if WAZ<-200
tab underweight
```

So, what's wrong with my estimate. Can anybody help me to find the problem.

regards,  
Shafiur

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