Subject: Calculation of stunting from PR dataset
Posted by anikhpg42@gmail.com on Sat, 21 Apr 2018 06:53:26 GMT
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Hi,
I have calculated the prevalence of stunting from BDHS'14 KR file.
But, from PR file, how can I estimate the stunted children under age 5. I want to take all the children
under age 5 from each available household.

In stata, for calculating stunting from KR file, I used the following command:

```
**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
label define stunted 0 "> or = -2" 1 "< -2"
label variable stunted "Child height-for-age z score"
label values stunted stunted
svy: tab stunted
```

Subject: Re: Calculation of stunting from PR dataset
Posted by Bridgette-DHS on Mon, 23 Apr 2018 12:58:08 GMT
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Following is a response from Senior DHS Stata Specialist, Tom Pullum:

The title of your post refers to the PR file, but your question mentions the KR file, which is a little confusing. Your Stata code is fine. To get the stunting estimate from the PR file, rather than the KR file, the only change would be to use hc70, rather than hw70. Corresponding variables have the prefix hc in the PR file and hw in the KR file. The estimates in DHS reports use the PR file because it includes all children in the household. For a child to be in the KR file, the child's mother must be alive and in the same household as the child. We would only use the KR file for stunting if we wanted to relate that outcome to other variables that are only in the KR (or IR) file.

Subject: Re: Calculation of stunting from PR dataset
Posted by anikhpg42@gmail.com on Mon, 23 Apr 2018 19:08:26 GMT
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Sorry for the title..But thanks a lot Tom for the solution. :-)