Subject: calculating height for age for children in Ghana
Posted by sammy nyarko on Mon, 05 Dec 2016 23:00:13 GMT
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Good evening all
I am currently working on the relationship between child health and dwelling characteristics. in other to find this relationship i merged both the HR and KR recode files. in my analysis of child health, i used the anthropocentric indicators (height for age, weight for age, and weight for height). i would really appreciate it, if i can get help on calculating the anthropocentric indicators. it tried using the commands below in STATA but did not follow the tables in the DHS report for Ghana.

```
***height_for_age_z_score (new_who)***
tostring hw70, gen (h_w)
destring h_w, gen (HAZ)
drop h_w
tab HAZ
replace HAZ=. if HAZ==9996 |HAZ==9998
gen height_for_age= HAZ/100

***weight_for_age_z_score (new_who)***
tostring hw71, gen (h_w)
destring h_w, gen (WAZ)
drop h_w
tab WAZ
replace WAZ=. if WAZ==9996 |WAZ==9998
gen weight_for_age= WAZ/100

***weight_for_height_z_score (new_who)***
tostring hw72, gen (h_w)
destring h_w, gen (WHZ)
drop h_w
tab WHZ
replace WHZ=. if WHZ==9996 |WHZ==9998
gen weight_for_height= WHZ/100



***classifications***
fre weight_for_age
drop if weight_for_age ==.
tab weight_for_age
gen underweight = weight_for_age < -2
tab underweight
drop if weight_for_height ==.
tab weight_for_height
tab height_for_age
fre height_for_age
gen wasted = weight_for_height < -2
```

tab wasted
gen stunted = height_for_age < -2

after running the commands above my unweighted "tab stunted" was 19.19, while the "tab stunted [iweight=wgt]" was 17.97. instead of 18.8 reported in the DHS report.

Any help?