
Subject: calculating height for age for children in Ghana

Posted by [sammy nyarko](#) on Mon, 05 Dec 2016 23:00:13 GMT

[View Forum Message](#) <> [Reply to Message](#)

Good evening all

I am currently working on the relationship between child health and dwelling characteristics. In order 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. I 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?
