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Subject: Re: Slight difference in the Senegal Stunting, Wasting, Underweight prevalence

Posted by [Janet-DHS](#) on Thu, 05 May 2022 16:37:17 GMT

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Following is response from DHS Research & Data Analysis Director, Tom Pullum:

I see some possible problems with your code. First, the three Z scores have different legal ranges. The ranges are for the HAZ are -6 to +6, for the WAZ are -6 to +5, for the WHZ are -5 to +5. Second, and probably the main problem, is that a line such as "replace stunting=0 if haz>=-2" will include the NA (.) cases as 0. You can replace lines such as these:

```
gen stunting=1 if haz<-2
replace stunting=0 if haz>=-2
replace stunting=. if haz==.
```

With just the following following two lines:

```
gen stunting=0 if haz<6
replace stunting=1 if haz<-2
```

For any other values of the haz, stunting will be a dot, so you don't need a third line.

Stunting, etc., can be calculated from the KR file as well as the PR file. It is then limited to children who are living with the mother, but can be linked to information about the child and mother that is not in the PR file.

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