
Subject: Re: Kenya DHS weights

Posted by [Ritapriya Bandyopadhyay](#) on Tue, 21 Nov 2023 07:34:04 GMT

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Clarify one thing

There are two variables that can give me school attendance in current/previous year - one is hv121/hv125 (school attendance status) and I believe the other is hv124/hv128 (education single years for each each year). As per our last discussion, you asked me to construct the hv128 variable as follows:

```
gen hv128= hv127 if hv126==1  
replace hv128= 8+hv127 if hv126==2  
replace hv128=12+hv127 if hv126==3
```

This was done to ensure 8 years of primary and 4 years of secondary school. I have done the same - I named it hv1281 so that original variable stays intact. Now, if I do tab hv1281 or tab hv1281 schepvyr_i (latter one is the hv125 variable) - the numbers are same. As you can see, there are 5,113 students in grade 1 - so this is fine - I have attached screenshots for both commands.

However, as you can see, when I do hv1281 hv106 - there are students of grade 1 who have replied either no education or completed secondary education to hv106 - So the 5,113 individuals in Grade 1 comprise these individuals too? This is what I am confused about - 5,113 individuals said yes to school enrollment in previous year in grade 1 - but they also include those who said no education and completed secondary education to hv106? - so how many people are enrolled in grade 1 - 5,113 or 5,064?

Secondly, if that's the case then the 1,272 individuals who were in grade 12, secondary and said they completed education last year - can I really count them as graduated? Especially since there were also students in last year grade 12 who said they completed higher education. Plus, if I do hv1281 hv129 - the numbers for advanced, dropout, and repeats don't match with the 1,272 (number of students who are supposedly graduates as per hv1281 hv106) I have attached screenshots of hv1281 hv106 and hv1281 hv129.

To avoid confusion - I was looking at hv1281 sh19aa for graduates. From the 939 people in class 12 last year who dropped out (that is, not attending this year - you can see from hv1281 hv129), I am subtracting those in class 12 last year who said they stopped schooling as they have completed school (i get this number from hv1281 sh19aa).

I understand education variables are going through re-checking - but please do help at the moment - I may be incorrect in my approach

Best,
Ritapriya

File Attachments

1) [tab hv1281.PNG](#), downloaded 143 times

- 2) [tab hv1281 scheprvyr_i.PNG](#), downloaded 138 times
 - 3) [tab hv1281 hv106.PNG](#), downloaded 136 times
 - 4) [tab hv1281 hv129.PNG](#), downloaded 133 times
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