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Subject: Kenya DHS weights

Posted by [Ritapriya Bandyopadhyay](#) on Tue, 31 Oct 2023 10:53:41 GMT

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Dear all,

I am looking at school enrollment, progression and repetition for children in Kenya - I am looking at these indicators grade-wise. I have a few questions:

1. For school enrollment - I am looking at hv121 and hv125 (member attended school current and previous year respectively) - now for Grade 1 I see there are respondents who said "yes" to hv125 (attended school last year) - what does it mean? Does it mean these children were in pre-primary or early childhood education? I am asking because the number is high.
2. Secondly, to make calculations easier - I have re-coded secondary-level grades and higher level grades. Secondary-level grades have been coded as 9,10,11,12,13,14 and similarly higher-education grades have been coded from 13-19. Nonetheless, I am using the following code:

```
tab agrdprvyr_i scheprvyr_i [iweight = hv005/1000000]
```

agrdprvyr\_i is previous year grades (coded as hv127 in DHS) and scheprvyr\_i is school enrollment last year (coded as hv125 in DHS)

My question is that when I use weights, why is the "number of observations" decreasing? Secondly the data is showing that only 1621 individuals were enrolled in grade 12 last year - but this is a very small number, and doesn't seem right. Am I doing anything wrong with the weights? Please help.

I have attached snapshots of both unweighted and weighted data

Best,  
Ritapriya

#### File Attachments

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- 1) [school-enrollment unweighted.PNG](#), downloaded 366 times
- 2) [school-enrollment weighted.PNG](#), downloaded 349 times

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