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Subject: Orphan non-orphan school attendance ratio  
Posted by [Mercych](#) on Sun, 17 Mar 2019 15:20:13 GMT  
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I need help with a code for generating orphan to non-orphan school attendance ratio at regional level using the 2015 Malawi DHS. I have the following code but I am stuck in the process:

```
gen orphan_age = hv105 >=10 & hv105 <=14
```

```
gen school_attendance = hv121 ==2
```

```
gen orphaned_m = hv111 ==0 & orphan_age==1
```

```
gen orphaned_f = hv113 ==0 & orphan_age==1
```

```
gen livingwith_mother = hv112 >= 1 & hv112 <=19
```

```
gen livingwith_father = hv114 >= 1 & hv114 <=16
```

```
gen nonorphanlivingparent = ((orphaned_m ==0 & livingwith_mother ==1) | (orphaned_f==0 & livingwith_father ==1))
```

```
egen Total1 = total((orphaned_m ==1 | orphaned_f ==1) & school_attendance ==1)
```

```
egen Total2 = total(nonorphanlivingparent ==1 & school_attendance ==1)
```

```
gen ratio = Total1/Total2
```

```
egen tag = tag(District)
```

I do not want to collapse because I have variables at a level different from region

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