Subject: Orphan non-orphan school attendance ratio
Posted by Mercysh 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

Subject: Re: Orphan non-orphan school attendance ratio
Posted by Bridgette-DHS on Thu, 28 Mar 2019 11:48:33 GMT
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Here's a response from Senior DHS Stata Specialist, Tom Pullum:

Your style for writing code in Stata is very strange to me. You are constructing a set of binary variables, then adding and then dividing. It's possible that this would get you to the right answer but it's not efficient and I don't see how you could incorporate weights. Are you trying to match a table in the report on this survey? If so, which table? Let us know and we will try to help.