Subject: Unmet Need and Demand Satisfied in 2010 Rwanda DHS Posted by cgreenba on Mon, 26 Nov 2018 16:39:15 GMT

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Dear all,

I am working on a report looking at demand satisfied among youth across different DHS surveys and am having a difficult time matching the new definition of unmet need (manually calculated with the do file prepared by Sarah Bradley below) and demand satisfied numbers that I am getting in Stata with the estimates in StatCompiler for the 2010 Rwanda DHS.

Here are the estimates that I get in Stata: unmet need (all women) 15-19: 1.0% unmet need (all women) 20-24: 7.3% unmet need (all women) 15-24: 4.0% Demand satisfied by modern methods (all women) 15-19: 62.3% Demand satisfied by modern methods (all women) 20-24: 69.1% Demand satisfied by modern methods (all women) 15-24: 68.3%

Here are the estimates that StatCompiler lists:

unmet need (all women) 15-19: 2.2% unmet need (all women) 20-24: 10.3% unmet need (all women) 15-24: 6.1%

Demand satisfied by modern methods (all women) 15-19: 45.3% Demand satisfied by modern methods (all women) 20-24: 62.1% Demand satisfied by modern methods (all women) 15-24: 59.8%

Is anyone aware of why I might be seeing these discrepancies? Is StatCompiler using a different sample, even in the indicator marked all women? Do I need to used a different weighting scheme other than the sample weights provided? I tried to match using the earlier definition of unmet need at as well, but that did not work. Any help or information would be greatly appreciated!

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Here is my code in case it helps:
gen indiv_weight = v005/1000000

gen modern_contraception=0
replace modern_contraception=1 if v313==3
replace modern_contraception=. if v313==.

gen any_contraception=0
replace any_contraception=1 if v313==3 | v313==1 | v313==2
replace any_contraception=. if v313==.

gen unmet_need=unmettot (*from do file*)

gen demand_satisfied=.
replace demand_satisfied=0 if unmet_need==1
replace demand_satisfied=0 if v313==0 | v313==1 | v313==2
```

replace demand_satisfied=1 if v313==3
replace demand_satisfied=. if unmet_need==0 & any_contraception==0 | unmet_need==. |
modern_contraception==.

proportion unmet_need if v013==1 | v013==2 [pweight = indiv_weight]
proportion unmet_need if v013==1 [pweight = indiv_weight]
proportion unmet_need if v013==2 [pweight = indiv_weight]
proportion demand_satisfied if v013==1 | v013==2 [pweight = indiv_weight]
proportion demand_satisfied if v013==1 [pweight = indiv_weight]
proportion demand_satisfied if v013==2 [pweight = indiv_weight]

Thank you so much!

Best regards, Charlotte

File Attachments

1) Code for Revised Unmet Need.do, downloaded 516 times