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Subject: Unmet Need and Demand Satisfied in 2011 Uganda DHS

Posted by [cgreenba](#) on Mon, 26 Nov 2018 15:44:19 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 unmet need (new definition with v626a) and demand satisfied numbers that I am getting in Stata with the estimates in StatCompiler for the 2011 Uganda DHS.

Here are the estimates that I get in Stata:

Unmet need (all women) 15-19: 7.8%

Unmet need (all women) 20-24: 25.3%

Unmet need (all women) 15-24: 15.5%

Demand satisfied by modern methods (all women) 15-19: 41.5%

Demand satisfied by modern methods (all women) 20-24: 41.8%

Demand satisfied by modern methods (all women) 15-24: 41.7%

Here are the estimates that StatCompiler lists:

Unmet need (all women) 15-19: 10.5%

Unmet need (all women) 20-24: 27.5%

Unmet need (all women) 15-24: 18.1%

Demand satisfied by modern methods (all women) 15-19: 34.9%

Demand satisfied by modern methods (all women) 20-24: 39.9%

Demand satisfied by modern methods (all women) 15-24: 38.4%

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 use a different weighting scheme other than the sample weights provided? I tried to match using the earlier definition of unmet need as well, but that did not work. Any help or information would be greatly appreciated!

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=0
```

```
replace unmet_need=1 if v626a==1 | v626a==2
```

```
replace unmet_need=. if v626a==. | v626a==.a | v626a==.b
```

```
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

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Subject: Re: Unmet Need and Demand Satisfied in 2011 Uganda DHS  
Posted by [Trevor-DHS](#) on Thu, 13 Dec 2018 20:24:32 GMT  
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