
Subject: Data not matching

Posted by [marieclairepeytr](#) on Tue, 11 Mar 2014 12:19:12 GMT

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Dear Team,

I have a quick question regarding the unmet need indicator variable (626a) and the syntax to calculate the new Unmet Need indicator. Why doesn't the result correspond to the one in stats compiler?

For example Benin (DHS 2006):

DHS Stats-compiler : 27.3

DHS def. 3 syntax : 22.1

Burkina Faso (DHS 2010) :

DHS Stats-compiler : 24.5

DHS def. 3 syntax & var 626a : 20.4

Many thanks in advance for your response !

Subject: Re: Data not matching

Posted by [Kerry](#) on Fri, 04 Apr 2014 18:41:22 GMT

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If you scroll to the bottom of the Stata syntax file for creating the def 3 unmet need variable (v626a), you will see instructions for tabbing this variable. I assume these same instructions are available in the SPSS syntax file.

The indicator, as reported in StatCompiler, uses currently married women as the denominator. It appears that you neglected to restrict the tab to married women. I just opened the Benin & Burkina files, ran the do file to create the variable and tabbed it. When I did not put any restriction by marital status, I got your results:

Benin:

gen wt=v005/100000

. tab v626a [iw=wt]

Unmet need for contraception (definition 3)	Freq.	Percent	Cum.
-----+-----			
Never had sex	14,933.704	8.39	8.39
Unmet need for spacing	25,660.256	14.42	22.81
Unmet need for limiting	13,548.6544	7.61	30.43
Using for spacing	20,912.91	11.75	42.18

Using for limiting	9,657.5251	5.43	47.61
No unmet need	57,501.384	32.32	79.92
Not married and no sex in last 30 days	11,099.934	6.24	86.16
Infecund, menopausal	23,885.436	13.42	99.58
Missing	740.196598	0.42	100.00
-----+-----			
Total	177,940	100.00	

and Burkina:

. gen wt=v005/100000

. tab v626a [iw=wt]

unmet need for contraception (definition 3)	Freq.	Percent	Cum.
-----+-----			
never had sex	17,499.469	10.24	10.24
unmet need for spacing	25,708.085	15.05	25.29
unmet need for limiting	9,162.7617	5.36	30.65
using for spacing	18,599.503	10.89	41.53
using for limiting	7,508.47647	4.39	45.93
no unmet need	61,711.029	36.12	82.04
not married and no sex in last 30 days	5,072.4678	2.97	85.01
infecund, menopausal	25,344.5775	14.83	99.85
99	263.6269393	0.15	100.00
-----+-----			
Total	170,870	100.00	

But I get matching StatCompiler data when I restrict it to currently married women:

Benin:

. tab v626a if v502==1 [iw=wt], m

Unmet need for contraception (definition 3)	Freq.	Percent	Cum.
-----+-----			
Unmet need for spacing	23,263.375	17.36	17.36
Unmet need for limiting	13,309.321	9.93	27.29
Using for spacing	13,727.381	10.24	37.53
Using for limiting	9,076.13119	6.77	44.30
No unmet need	55,653.408	41.52	85.83
Infecund, menopausal	18,292.802	13.65	99.47
Missing	704.815697	0.53	100.00
-----+-----			
Total	134,027.23	100.00	

and Burkina Faso:

. tab v626a if v502==1 [iw=wt], m

unmet need for contraception (definition 3)	Freq.	Percent	Cum.
-----+-----			
unmet need for spacing	24,099.425	17.77	17.77
unmet need for limiting	9,136.3419	6.74	24.50
using for spacing	14,732.635	10.86	35.37
using for limiting	7,208.5009	5.31	40.68
no unmet need	60,861.616	44.87	85.55
infecund, menopausal	19,344.792	14.26	99.82
99	247.285789	0.18	100.00
-----+-----			
Total	135,630.6	100.00	

Hope this helps!

~Kerry