Subject: Re: Data not matching

Posted by Kerry on Fri, 04 Apr 2014 18:41:22 GMT

View Forum Message <> Reply to Message

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

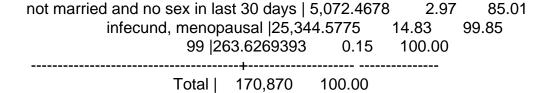
. tab v626a [iw=wt]

```
Unmet need for contraception |
             (definition 3) | Freq.
                                     Percent
              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
```



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. Percer | | |
|--|---------|-------|
| Unmet need for spacing 23,263.375 | 17.36 | 17.36 |
| Unmet need for limiting 13,309.321 | | 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 | 0.00 |
| | | |
| 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
               ------
              Total | 135,630.6 100.00
```

Hope this helps!

~Kerry

Page 3 of 3 ---- Generated from The DHS Program User Forum