
Subject: Calculating median age at first sex
Posted by [maras224](#) on Tue, 04 Aug 2015 22:06:28 GMT
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I am trying to calculate median age at first sex, marriage, and birth in multiple countries and years.

I have succeeded in calculating age at first marriage and birth using the formula previously provided on this forum. (http://userforum.dhsprogram.com/index.php?t=msg&th=1337&goto=2470&S=08c954804736d97c007deae6e959abed#msg_247_0)

An example of my working Stata code is below. However, when I attempt to calculate median age at first sex (v531), I am unable to replicate the numbers provided in published reports. I believe this may have to do with categories that may need to be excluded, such as 0 - Not had intercourse, 97 - inconsistent, or 98 - don't know.

Has anyone successfully replicated the published medians for age at first sex, and if so, how?
Thanks for your help.

```
use "KEIR52FL.DTA", clear  
svyset v021 [pweight=v005], strata(v023)
```

```
* Median age at first marriage
```

```
* Ages 20-29
```

```
tab v511 [iweight=v005/1000000] if v013 >= 2 & v013 <= 3, missing  
scalar mafm2029 = 20 + (50-46.45)/(54.98-46.45)  
scalar list mafm2029
```