
Subject: Afghanistan DHS

Posted by [Samishreyaan](#) on Mon, 23 May 2022 23:19:27 GMT

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I am working on teenage pregnancy project for Afghanistan, Bangladesh and many more. I need a sample for "all woman aged 15-19" instead of "ever married woman aged 15-19". DHS for Afghanistan, Bangladesh and Pakistan collected the sample from ever married woman but the DHS report for teenage motherhood was presented for 'all woman'. Can you please assist me how do I increase it to all woman factor?

regards,
Sami

Subject: Re: Afghanistan DHS

Posted by [Janet-DHS](#) on Tue, 24 May 2022 20:45:22 GMT

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Following is response from DHS Research & Data Analysis Director, Tom Pullum:

The following lines should match the reports, where teenft is calculated as in your other forum question about Pakistan:

```
gen wt=v005/1000000
svyset [pw=wt], psu(v021) strata(v023) singleunit(centered)
gen awfact = awfact/100
svy: ratio teenft/awfact
```

If you want to do this within subpopulations, you should use other versions of awfact, such as awfactr, that are in the data files and are described in the Guide to DHS Statistics.

Subject: Re: Afghanistan DHS

Posted by [Samishreyaan](#) on Wed, 25 May 2022 11:59:19 GMT

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Hi Janet,

Thankyou for the post. When I used the command you gave, the sample (15-19 years) matches the report. However, when I cross tabulate the sample with teenage pregnancy the number doesn't match the report. To make teenage pregnancy variable, I used the following command in stata.

```
gen teenmom=0 if v013==1
replace teenmom=1 if (v213==1|bidx_01==1) & v013==1
```

Your help would be much appreciated.

kind regards,
SAMI

Subject: Re: Afghanistan DHS
Posted by [Janet-DHS](#) on Thu, 26 May 2022 20:40:56 GMT
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Following is response from DHS Research & Data Analysis Director, Tom Pullum:

Please be specific about which number in which table you are unable to match, and we will try to help.

Subject: Re: Afghanistan DHS
Posted by [Samishreyaan](#) on Thu, 26 May 2022 23:38:12 GMT
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Hi Janet,
I am currently working on pooled analysis from Afghanistan, Pakistan, Bangladesh, Nepal, Maldives and India DHS to find risk factors of teenage pregnancy. What I can see the sample of women is 'all woman 15-49 yrs' for Nepal, India and Bangladesh; whereas the sample of woman for Afghanistan, Pakistan and Bangladesh is "ever married woman 15-49 yrs". This is where I applied all woman factor to increase the sample of woman for those three countries. By doing so, I did get an exactly sample number of woman sample as reported in DHS report but, failed to get the correct percentage of woman who have begun childbearing. For example, lets take Afghanistan DHS. My analysis showed Percentage of childbearing is 59.5% whereas the report states 12.1%.
my work on stata and the DHS report snapshots are attached below.
I wish to get quicker response, as I am running out of my time.
kind regards,
SAMI

File Attachments

- 1) [snip 1.PNG](#), downloaded 541 times
 - 2) [snip 2.PNG](#), downloaded 409 times
 - 3) [snip 3.PNG](#), downloaded 548 times
-

Subject: Re: Afghanistan DHS
Posted by [schoumaker](#) on Fri, 27 May 2022 07:17:26 GMT
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Hello,
This is due to the fact that you are weighting both the numerator and the denominator with awfactt.
You can try the syntax below.

Best,
Bruno

```
use AFIR71FL.DTA, clear
keep if v012>=15 & v012<=19
gene teenmom=0
replace teenmom=1 if v213==1|bidx_01==1
replace awfact=awfact/100
gene teenmom_prop=teenm/awfact // divides each observation by the all-women factor
tabstat teenmom_prop [aw=v005*awfact]
```

```
tabstat teenmom_prop [aw=v005*awfact], by(v012) // by age
```

*** you will need to adapt the all women factor for comparisons by urban-rural, education etc.

Subject: Re: Afghanistan DHS
Posted by [schoumaker](#) on Fri, 27 May 2022 07:24:06 GMT
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Hello again,
The syntax that Tom Pullum sent you a few days ago is better (and also provides confidence intervals).
Bruno

```
use AFIR71FL.DTA, clear
keep if v012>=15 & v012<=19
gene teenmom=0
replace teenmom=1 if v213==1|bidx_01==1

gen wt=v005/1000000
svyset [pw=wt], psu(v021) strata(v023) singleunit(centered)
gen awfact = awfact/100
svy: ratio teenmom/awfact
```

Subject: Re: Afghanistan DHS
Posted by [Janet-DHS](#) on Fri, 27 May 2022 16:51:21 GMT
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Following is response from DHS Research & Data Analysis Director, Tom Pullum:

If you open the AF file for women (the IR file) and then enter the following lines, you will get .1207.
This is a proportion. Multiply it by 100 and then round to the nearest tenth of a percent and you get 12.1, which is the desired number.

```
gen teenmom=0 if v013==1  
replace teenmom=1 if (v201>=1 | v213==1) & v013==1  
svyset [pw=v005], psu(v021) strata(v023) singleunit(centered)  
gen awfact = awfact/100  
svy: ratio teenmom/awfact
```
