
Subject: Calculation of prevalence using STATA command

Posted by [liladhar](#) on Wed, 20 Mar 2013 21:38:59 GMT

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I want to calculate prevalence of "any sexual violence by husband/partner" among currently married women of 15-49 years. I am using data set "NPIR60FL". Following are the STATA command i tried.

```
keep if V044==1
```

```
keep if V501==1
```

```
gen rweight=D005/1000000
```

```
svyset V021 [pweight=rw], strata(V022) vce(linearized) singleunit(missing)
```

```
svy linearized : tabulate V013 D108, cell
```

i got following result:

(running tabulate on estimation sample)

```
Number of strata = 25          Number of obs   = 3373
Number of PSUs   = 289        Population size = 3084.4815
                        Design df   = 264
```

```
-----
      | Experienced any sexual
Age in | violence (D105H-I) by
5-year | husband/partner
groups | No Yes (D10  Total
-----+-----
 15-19 | .0742 .0098 .084
 20-24 | .1769 .0246 .2015
 25-29 | .1677 .0243 .192
 30-34 | .1339 .0258 .1597
 35-39 | .1216 .0213 .1429
 40-44 | .1025 .0188 .1213
 45-49 | .0831 .0154 .0986
      |
Total | .8599 .1401 1
-----
```

Key: cell proportions

Pearson:

```
Uncorrected chi2(6) = 7.9120
```

```
Design-based F(5.10, 1346.15)= 0.6263 P = 0.6829
```

But in NDHS 2011 report table no 14.3 percentage of married women who have experienced sexual violence is 15.2 and in my result it is 14.01. Number of women is 3,084 in report and 3084.48 in my result.

So would you please let me know how can i get exact result as in report of NDHS 2011.
