
Subject: Code for physical violence in past 12 months
Posted by [GraceG](#) on Tue, 26 Feb 2019 13:49:53 GMT
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Hello,

I am trying to generate a variable for 'experienced violence in past 12 months' for women aged 15-49 years using the Kenya 2014 data. I would like to look at the breakdown by education category - these figures are in the DHS report (page 294), but not with the education categories I am looking for.

Is there any STATA code that you can provide to generate this variable? I tried to do so myself but I see it is somewhat complex with different questions asked of married/unmarried women, and I would not like to produce wrong figures.

Thanks very much for your help.

Subject: Re: Code for physical violence in past 12 months
Posted by [Mlue](#) on Wed, 27 Feb 2019 14:31:14 GMT
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Hello GraceG,

Please try the following code. Maybe it may point you in the right direction.
I cannot replicate the category labelled "Often or sometimes". I'm sure one of the DHS experts can direct us in this regard.

```
clear all
set matsize 800
set maxvar 10000
set mem 1g
cd "C:\Users\Dubile\Documents\KENYA_DHS_2014"
use "KEIR71FL", clear
set more off
```

```
*****
```

```
** WEIGHT VARIABLE
gen weight = d005/1000000
```

```
*****
```

```
** SURVEY SET
gen psu = v021
gen strata = v023
svyset psu [pw = weight], strata(strata)
```

*svydes

// RENAME

```
rename v013 age
rename v106 education
rename v190 wealth
rename v025 residence
rename v024 region
rename sdist district
```

**

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keep if v044==1

**

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** WOMEN WHO HAVE EVER EXPERIENCED PHYSICAL VIOLENCE SINCE AGE 15**

```
cap drop anyphysviol
gen anyphysviol = 0 if v044 == 1
ds d105a-d105f d105j d130a d117a
foreach var in `r(varlist)'{
  replace anyphysviol = 1 if `var' > 0 & `var' < 5
  replace anyphysviol = 1 if d115y==0 | d118y==0
}
*
lab var anyphysviol "Percentage who have ever experienced physical violence since age 15"
lab def anyphysviol 0 "No" 1 "Yes"
lab values anyphysviol anyphysviol
*svy: tab anyphysviol, percent format(%9.1f) miss
*svy: tab anyphysviol, count format(%9.0f) miss
*svy: tab wealth anyphysviol, percent format(%9.1f) miss row
```

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** FREQUENCY OF PHYSICAL VIOLENCE **

```
gen violence = 0 if v044==1
foreach dval in 1 2 4 3 {
  foreach dvar of var d105a d105b d105c d105d d105e d105f d105j d117a {
```

```

    replace violence = `dval' if violence == 0 & `dvar' == `dval'
  }
}
replace violence = 3 if violence == 0 & d130a == 2
replace violence = 4 if violence == 0 & (d130a == 3 | d130a == 4)
replace violence = 4 if violence == 0 & d115y == 0
replace violence = 5 if violence == 0 & d118y == 0
label define violence 0 "Never" 1 "Often" 2 "Sometimes" ///
    3 "Yes, but not in the last 12 months" 4 "Yes, but frequency in last 12 months missing" ///
    5 "Yes, but no information when"
label value violence violence

```

```

svy: tab violence, percent format(%9.1f) miss
svy: tab wealth violence, percent format(%9.1f) miss row

```

```

/* CANNOT REPLICATE "Often or sometimes" */
cap drop physicalviolence
recode violence (1=1 "Often") (2=2 "Sometimes") (else=9 "Other"), gen(physicalviolence)
label var physicalviolence "Percentage who have experienced physical violence in the past 12 months"
label value physicalviolence physicalviolence

```

```

svy: tab physicalviolence, percent format(%9.1f) miss
svy: tab wealth physicalviolence, percent format(%9.1f) miss row

```

```

cap drop violence

```

```

**
=====
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```

```

** DROP IF NOT IN SAMPLE **
keep if physicalviolence !=.

```

```

**
=====
**

```

```

** CHECK **
svy: tab age anyphysviol, percent format(%9.1f) miss row
svy: tab v130 anyphysviol, percent format(%9.1f) miss row
svy: tab residence anyphysviol, percent format(%9.1f) miss row
svy: tab wealth anyphysviol, percent format(%9.1f) miss row

```

```

svy: tab age physicalviolence, percent format(%9.1f) miss row
svy: tab v130 physicalviolence, percent format(%9.1f) miss row
svy: tab residence physicalviolence, percent format(%9.1f) miss row

```

svy: tab wealth physicalviolence, percent format(%9.1f) miss row

**

=====

**

```
graph bar (percent) [aw=weight], over(anyphysviol, descending) over(wealth) ///
percent stack asyvars bar(5, bfcOLOR(red*0.8)) ///
bar(4, bfcOLOR(red*0.3) blcolor(red*0.8)) bar(3, bfcOLOR(blue*0.2) ///
blcolor(orange*1.2)) bar(2, bfcOLOR(red*0.7) blcolor(orange*1.2)) ///
bar(1, bcolor(yellow*1.2)) legend(pos(3) col(1)) ysc(r(-5 100)) ///
yla(, ang(h)) blabel(bar, format(%9.1f) pos(center) color(white)) ///
ytile(%) title(Ever experienced physical violence since age 15) subtitle(Kenya DHS 2014)
```

exit

Subject: Re: Code for physical violence in past 12 months
Posted by [GraceG](#) on Fri, 01 Mar 2019 07:39:10 GMT
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Dear Mlue,

Thanks very much for this code! I will try it out.

Best ~