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

**
================================================================================
**

keep if v044==1

**
================================================================================
**

** 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

**
================================================================================
**

** 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 {
```

```stata
    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


**

========================================================================
**


** 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)) ///
  ytitle(%) 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 ~