

---

Subject: Re: Cannot replicate IPV ever for India DHS 2005-06  
Posted by [Bridgette-DHS](#) on Mon, 20 Mar 2017 11:00:49 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Following is a response from Senior DHS Specialist, Kerry MacQuarrie:

There are two issues; my first response only addressed one. First, I am looking at the NFHS-3 dataset (IAIR52fl.dta) and I see 9's. My % for each form of IPV separately (emotional, physical, sexual) match the table, as shown below. Perhaps you are not working with the same data file I am (IAIR52fl.dta) or you have already recoded the 9's to 0's.

. tab1 d104 d016 d107 d108 [iw=dwt]

ever any  
emotional  
violence    Freq.   Percent    Cum.

no	56,073.474	84.12	84.12
yes	10,532.383	15.80	99.92
9	51.7936259	0.08	100.00

Total    66,657.651    100.00

experienced  
any less  
severe  
violence  
(d105a-d)    Freq.   Percent    Cum.

no	48,021	69.11	69.11
yes (d105a-d)	21,404	30.80	99.92
9	59	0.08	100.00

Total        69,484    100.00

experienced  
any severe  
violence  
(d105e-g)    Freq.   Percent    Cum.

no	62,455	89.88	89.88
yes (d105e-g)	6,972	10.03	99.92
9	57	0.08	100.00

Total        69,484    100.00

experienced  
any sexual  
violence

(d105h-i) Freq. Percent Cum.

no	59,955.996	89.95	89.95
yes (d105h-i)	6,640.2286	9.96	99.91
9	61.42587743	0.09	100.00

Total 66,657.651 100.00

gen PV=.

replace PV=0 if (d106!=. & d106!=1) | (d107!=. & d107!=1)

replace PV=1 if d106==1 | d107==1

. ta PV [iw=dwt]

PV Freq. Percent Cum.

0	43,293.625	64.95	64.95
1	23,364.026	35.05	100.00

Total 66,657.651 100.00

However, there is a second problem and that is in creating the composite ipv and violence variables; Yours estimate prevalence of any form at 31.6% instead of 39.7%. The following code works to produce estimates that match the table, for each form of IPV separately and for the combinations of physical + sexual and physical + sexual + emotional. The code is not as efficient as yours was, but it is correct.

use "IAIR52FL.dta", clear

/\*Generating weights\*/

gen dwt=d005/1000000

svyset [pw=dwt], psu(s021) strata(v025)

\*Recode 9's

recode d104(9=0),g(d104\_r)

recode d106(9=0),g(d106\_r)

recode d107(9=0),g(d107\_r)

recode d108(9=0),g(d108\_r)

\*Physical violence

g PV=d106\_r

replace PV=1 if d107\_r==1

\*Physical or sexual violence

g PVS=PVS

replace PVSV=1 if d108\_r==1

\*Any intimate partner violence

g ipv=PVSV

replace ipv=1 if d104\_r==1

tab1 d104\_r PV d108\_r PVSV ipv [iw=dwt]

svy :tab ipv if v013==1 & v501>=1 & v501<=5 & v044==1

---