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Subject: Re: Cannot replicate IPV ever for India DHS 2005-06  
Posted by [Bridgette-DHS](#) on Mon, 20 Mar 2017 11:00:49 GMT  
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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 PVSV=PV
```

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

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