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Subject: Re: South Africa 2016 Domestic Violence  
Posted by [Shireen-DHS](#) on Thu, 14 Jan 2021 15:33:49 GMT  
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Hello,

For the domestic violence indicators you will need to merge a DV and IR file. This is unique to the South Africa 2016 survey. Usually in other DHS surveys the domestic violence variables are only in the IR file. I provide Stata code below that merges the two files then creates the first domestic violence indicator in the final report (ever experienced physical violence). The denominator I obtain is 9 cases over what is reported in the final report but I have not been able to find a way to exclude these cases. However, the percentage matches since it's only 9 cases off.

Hope you find this useful.

Best,  
Shireen Assaf  
The DHS Program

Stata code:

```
*first open the DV file  
use "ZADV71FL.DTA" , clear
```

```
*removing missing values from the first domestic violence indicator in the file  
keep if d101a<.
```

```
gen in_DV=1  
sort v001 v002 v003  
save ZAtemp.dta, replace
```

```
*now open IR file  
use "ZAIR71FL.DTA" , clear
```

```
*remove the same missing values  
keep if d101a<.
```

```
gen in_IR=1  
sort v001 v002 v003
```

```
*merge the files using the temporary DV file you saved.  
merge 1:1 v001 v002 v003 using ZAtemp.dta  
tab _merge  
* this is to see which women are coming from each file  
tab in_DV in_IR,m
```

```
*generate an age variable  
gen age10=int((v012-5)/10)
```

```
replace age10=6 if age10>6
label define age10 1 "18-24" 2 "25-34" 3 "35-44" 4 "45-54" 5 "55-64" 6 "65+"
label values age10 age10
```

```
*tabulate age variable to see denominator
tab age10 [iweight=d005/1000000]
```

```
*generate variable for every experienced physical violence
gen PVever = (inrange(d105a,1,4) | inrange(d105d,1,4) | inrange(d105e,1,4) | inrange(d105f,1,4) |
inrange(d130a,1,4) )
```

```
*the percentage matches the final report
tab PVever [iw=d005/1000000]
```