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Subject: KDHS 2022 Gender Based Violence Indicators

Posted by [sokiya](#) on Mon, 06 Nov 2023 15:32:19 GMT

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I am trying to generate the GBV indicators (most importantly Table 17.9.1, Table 17.9.2, Table 17.11.1, Table 17.11.2 and Table 17.12.1) using the attached do files from DHS GitHub repository and datasets for KDHS 2022. There are couples of areas I will appreciate guidance:

1. It seems to me the indicator Prevalence of intimate partner violence (Experience of any of the specified acts of physical, sexual, psychological/emotional, or economic violence committed by ones current or most recent husband/wife/intimate partner) may not have been captured in any of the do files. I would have expected this to be in the DV\_PRTNR.do but this seems not to be the case.

2. Similarly, I have used the do files and am able to reproduce most of the report estimates for women using KDHS 2022 IR dataset. However, I am facing challenges when trying to replicate the same for men. For instance, variable d105 seems not to exist in the MR dataset. Isn't the do file applicable to the MR file or variables are named differently?

Thanks in advance!

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### File Attachments

- 1) [DV\\_viol.do](#), downloaded 155 times
  - 2) [DV\\_prtnr.do](#), downloaded 161 times
  - 3) [DV\\_cntrl.do](#), downloaded 136 times
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Subject: Re: KDHS 2022 Gender Based Violence Indicators

Posted by [Bridgette-DHS](#) on Fri, 10 Nov 2023 19:12:18 GMT

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Following is a response from Senior DHS staff member, Jeff Edmeades

Question 1:

I am trying to generate the GBV indicators (most importantly Table 17.9.1, Table 17.9.2, Table 17.11.1, Table 17.11.2 and Table 17.12.1) using the attached do files from DHS GitHub repository and datasets for KDHS 2022. There are couples of areas I will appreciate guidance:

It seems to me the indicator Prevalence of intimate partner violence (Experience of any of the specified acts of physical, sexual, psychological/emotional, or economic violence committed by ones current or most recent husband/wife/intimate partner) may not have been captured in any of the do files. I would have expected this to be in the DV\_PRTNR.do but this seems not to be the case.

Response: The questions on economic violence are specific to the KDHS and are not asked in the standard set of questions typically administered by the DHS. As a result, the do-file on github only includes the code for the combination of physical, sexual and emotional violence. In order to construct the combined measure that includes economic violence, as in Table 17.9.1, the code for the other forms of violence should be replicated for economic violence. I am attaching a do-file that creates the basic variables needed that you can adapt as you need. The variables in question for economic violence are d103d ('restricted, exploited, or sabotage ability to acquire/access

economic resources') and sdv16d ('any previous husband/partner restrict, exploit, or sabotage ability to acquire/access economic resources'). Please note that any survey-specific variables have the 's' prefix.

Another important thing to note is related to a change that was made to the questionnaire between DHS7 and DHS8 that is not yet reflected in the GitHub code. In DHS7, the domestic violence questions were asked only for those who had ever been married ( $v501 > 0$ ). In DHS8, this was expanded to include those who had never been married but who did have an intimate partner at some point (i.e. someone with whom they were sexually active but never married nor lived with as if married). This is captured by the d100 variable. In order to include these individuals and replicate table 17.9.1 in particular, the code for the construction of the variables needs to be adapted from (using physical violence as an example):

- OLD: `gen dv_prtnr_phy = 0 if v044==1 & v502>0`
- NEW: `gen dv_prtnr_phy = 0 if v044==1 & (v502>0 | inlist(d100,1,2))`

I have modified the code in the attached do-file to match this for most of the variables and any additional code can be adapted from these examples. When applying the corrections for survey design (in the do-file these are shown using the svy command in the do-file), I was able to replicate Table 17.9.1.

Question 2:

2. Similarly, I have used the do files and am able to reproduce most of the report estimates for women using KDHS 2022 IR dataset. However, I am facing challenges when trying to replicate the same for men. For instance, variable d105 seems not to exist in the MR dataset. Isn't the do file applicable to the MR file or variables are named differently?

Response: The variables in the MR file are named differently to help distinguish between women and men's responses should the files be merged. All the variables in the MR file have an 'm' prefix (e.g. mv005 for men, v005 for women), though for the most part correspond directly to the variables in the IR dataset (i.e. they have the same name and label, with the exception of the leading 'm' in the variable name. The DHS Guide to Statistics [https://dhsprogram.com/pubs/pdf/DHSG1/Guide\\_to\\_DHS\\_Statistics\\_DHS-7\\_v2.pdf](https://dhsprogram.com/pubs/pdf/DHSG1/Guide_to_DHS_Statistics_DHS-7_v2.pdf) provides more information (note that this is for DHS7 as the updated version for DHS8 hasn't been released yet). Because the men's domestic violence module is rarely used, the variables are coded in the way that survey-specific variables are, with the 's' prefix. So the equivalent of the d105 variable in the IR dataset is sdm105a-k and the weight that should be used to weight the analyses of the data from the men's domestic violence module is sdm005.

## File Attachments

1) [KDHS\\_user\\_forum.do](#), downloaded 153 times

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Subject: Re: KDHS 2022 Gender Based Violence Indicators  
Posted by [sokiya](#) on Wed, 15 Nov 2023 08:52:34 GMT  
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Once again thanks so much for the guidance.

I have tried to generate GBV indicators for male as reported in Table 17.9.2 in the main report

using the attached do file. I can't match most of the indicators and would appreciate any assistance on what I could be getting wrong in construction of the indicators.  
Thanks in advance!

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### File Attachments

1) [KDHS 2022 GBV\\_Male.do](#), downloaded 144 times

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Subject: Re: KDHS 2022 Gender Based Violence Indicators  
Posted by [Bridgette-DHS](#) on Tue, 21 Nov 2023 15:43:26 GMT  
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Following is a response from DHS Research & Data Analysis Director, Kerry MacQuarrie:

The attached code matches the figures in Table 17.11.2 and the rows for the individual physical, emotional, sexual violence items in 17.9.2.

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### File Attachments

1) [KDHS\\_user\\_forum\\_MenDV.do](#), downloaded 134 times

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Subject: Re: KDHS 2022 Gender Based Violence Indicators  
Posted by [sokiya](#) on Wed, 22 Nov 2023 09:38:37 GMT  
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Thanks so much for taking time and generating the indicators.  
I have commented out the lines to include those aged 50-54 for the sake of Table 17.11.2  
\*\*DROP if man is aged 50-54  
drop if mv013==8

The estimates for Psychological/emotional violence and Economic violence are not matching what is reported in the table as shown below

\* Psychological/emotional violence

\* Table 17.9.2 - 25.3 (Total 15-49)

\* Table 17.11.2 - 25.1 (Total 15-49)

\* Table 17.11.2 - 25.0 (Total 15-54)

```
tabstat dv_prtnr_emot [aw=wt] if inrange(mv013, 1, 7), statistics(mean) save // 22.71079
```

```
tabstat dv_prtnr_emot [aw=wt], statistics(mean) save // 22.82632
```

\* Economic violence

\* Table 17.9.2 - 5.6 (Total 15-49)

\* Table 17.11.2 - 11.0 (Total 15-49)

\* Table 17.11.2 - 10.9 (Total 15-54)

```
tabstat dv_prtnr_econ [aw=wt] if inrange(mv013, 1, 7), statistics(mean) save // 5.43485
```

```
tabstat dv_prtnr_econ [aw=wt], statistics(mean) save // 5.26851
```

Any further help will be highly appreciated. Thanks in advance!

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Subject: Re: KDHS 2022 Gender Based Violence Indicators  
Posted by [Bridgette-DHS](#) on Tue, 28 Nov 2023 16:50:25 GMT  
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Following is a response from Senior DHS staff member, Tom Pullum:

We have determined that in table 17.9.2 (in the Kenya 2022 final report), the following four rows were constructed incorrectly:

- Any physical violence
- Any sexual violence
- Any psychological/emotional violence
- Economic violence

An erratum is being prepared for that table. The other rows in the table are ok. Table 17.11.2 was constructed correctly. Let us know if you still have questions about the construction of these indicators.

Thanks to Jeff Edmeades, Kerry MacQuarrie, and Keith Purvis on the DHS staff for resolving the inconsistency between tables 17.9.2 and 17.11.2.

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Subject: Re: KDHS 2022 Gender Based Violence Indicators  
Posted by [sokiya](#) on Wed, 29 Nov 2023 08:37:26 GMT  
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Thanks so much for the feedback. However, the results for the columns Psychological/emotional violence and Economic violence differ with those generated by the do file as mentioned in post on Wed, 22 November 2023.

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Subject: Re: KDHS 2022 Gender Based Violence Indicators  
Posted by [Bridgette-DHS](#) on Wed, 06 Dec 2023 15:40:35 GMT  
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Following is a response from Senior DHS staff member, Tom Pullum:

After considerable effort, we have determined that for the Kenya 2022 survey there was an error in the construction of psychological and economic violence that affected table 17.11.1 for women and table 17.11.2 for women. We found that d103d (in the IR file) and sdm103d (in the MR file)

were treated inconsistently in terms of how they contribute to psychological and economic violence. In the correct coding, 103a, b, c are the only components of psychological violence and 103d is the only component of economic violence (I am omitting prefixes d or sdm). For women, in table 17.11.1, the value for psychological violence is too high, but the value for economic violence is ok. For men, in table 17.11.2, the value for psychological violence is ok, but the value for economic violence is too high.

DHS will re-calculate the tables and issue an erratum.

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Subject: Re: KDHS 2022 Gender Based Violence Indicators

Posted by [sokiya](#) on Wed, 06 Dec 2023 16:27:27 GMT

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Thanks for the efforts and the update. Looking forward to the correct Stata syntax.

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Subject: Re: KDHS 2022 Gender Based Violence Indicators

Posted by [Vincent Odhiambo](#) on Fri, 19 Apr 2024 15:54:19 GMT

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Hello Stephen. I hope you are fine. Kindly assist with a set of variables that would define economic violence using tanzania DHS. i am using IR file from 2022 survey

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