Subject: DRC DHS-2 sampling question for DV module
Posted by carlson_monica on Mon, 05 Jan 2015 19:06:19 GMT
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I am just beginning to explore the domestic violence data for the recently released DHS-2 for the Democratic Republic of Congo. My question is to clarify the total number of women included in the DV sample and understand why the number of cases in the database are significantly lower than planned in the sampling methodology as I didn't see an explanation in the final report.

The total survey sample for the individual survey was 18,827 women. My understanding from the methodology laid out in the annex of the final report was that the sampling plan was to interview 50% of the women for the domestic violence module (so about 9,413 women). Taking a look in the database at women selected for the DV module (using the SELIGDV variable), I see that 9,588 values are "missing"; 6,857 are "yes" (i.e. administered the DV module); whereas 2,382 have a "no" value meaning they were not selected for the domestic violence module. I wanted to make sure this is accurate and to understand why the full 50% of the 18,827 were not selected for the DV module, if the total number of DV respondents were indeed 6,857 women only.

Many thanks for your support.

Subject: Re: DRC DHS-2 sampling question for DV module
Posted by Liz-DHS on Tue, 13 Jan 2015 15:41:25 GMT
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Dear User,
Here is a response from our experts, Dr. Hong, Dr. Ren and Mr. Amadou Sow:

1. DV module was administered in 50% of the households interviewed

```
                  | result of
   household selected  | household
for domestic violence  | interview
           module  | completed |    Total
-----------------------+-----------+----------
household not selected |    9,086 |    9,086
   household selected  |    9,085 |    9,085
-----------------------+-----------+----------
            Total  |   18,171 |   18,171
```

2. In those households, if there is one or more eligible women, one woman was selected to be interviewed for DV module.
3. In 2,121 of those 9,085 households, there is no eligible women (15-49). Therefore only

9,085-2,121=6,964 women were selected for DV interview.

```
number of  | household selected
 eligible | for domestic violence
 women in |       module
household | household  household |    Total
-----------+----------------------+----------
     0 |   1,934    2,121 |   4,055
     1 |   5,277    5,229 |  10,506
     2 |   1,360    1,254 |   2,614
     3 |     389      347 |     736
     4 |      91       89 |     180
     5 |      21       34 |      55
     6 |      11        7 |      18
     7 |       2        3 |       5
     8 |       1        0 |       1
     9 |       0        1 |       1
-----------+----------------------+----------
   Total |   9,086    9,085 |  18,171
```

display 9085-2121
6964

4. Factor in the overall women response rate of 98.6% and response rate for DV, subtract the lack of privacy => 6,811

Subject: Re: DRC DHS-2 sampling question for DV module
Posted by carlson_monica on Tue, 13 Jan 2015 17:35:36 GMT
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Thank you -- very helpful. I am surprised by the large number of households with no eligible woman between 15 and 49.

I have just one follow up question on the DRC DHS dataset:

I am having problems recreating the physical and sexual violence prevalence from the 2014 DRC DHS (51.8% of women that have suffered physical violence since age of 15 and 27% of women have suffered sexual violence since the age of 15) using the dataset variables. I am interested in the combination of variables that tell experience or not of any physical or sexual violence whether by husband or other perpetrator, for married or never married respondents (therefore experience or not of physical and sexual violence for all women sampled for DV module).

I was planning to use variable D105 to reflect women who experienced physical or sexual violence by their husbands/partners. However, to capture experience of violence that is not IPV for married and non-married women, I was planning on using question #1316 from the DRC

Survey instrument (that asks married women about physical violence by those other than husbands AND which asks women who have never been married or lived with a man if they have experienced physical violence since the age of 15).

I don't see the response to this question clearly reflected in the actual dataset -- is it reflected/imbedded in variable D115 which characterizes type of perpetrator of violence by non partners for both married and non-married women? I was a bit confused because in the Individual recode manual on page 106 the "base" for D115 is "women currently in union", yet on the survey the question is asked of both women in union and women not in any union/never married.

Thank you in advance for any guidance on this.
Monica

Subject: Re: DRC DHS-2 sampling question for DV module
Posted by Liz-DHS on Thu, 15 Jan 2015 17:22:43 GMT
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Dear Monica,
Your query has been forwarded to one of our experts. We should have a response for you in a day or two. Thank you!

Subject: Re: DRC DHS-2 sampling question for DV module
Posted by carlson_monica on Wed, 21 Jan 2015 16:26:21 GMT
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Thank you so much, appreciate it!

Subject: Re: DRC DHS-2 sampling question for DV module
Posted by Liz-DHS on Wed, 28 Jan 2015 16:40:32 GMT
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Dear Monica,
We have not forgotten about you. Our experts are aware of your query and will respond as soon as possible. Thank you!

Subject: Re: DRC DHS-2 sampling question for DV module
Posted by carlson_monica on Thu, 29 Jan 2015 02:10:01 GMT
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Thanks so much -- looking forward to the response! Many thanks for your great support.

Subject: Re: DRC DHS-2 sampling question for DV module
Posted by Trevor-DHS on Mon, 02 Feb 2015 22:44:33 GMT

Yes, the response to question 1316 is embedded in the d115 series of variables. The easiest variable in this series to check is actually d115y. Below is a mapping of the codes in q1316 to d115y:

q1316 => d115y
  1 => 0
  2 => 1
  3 => 6

The data here are available for both all women as can be seen if you tabulate d115y by v501, so the recode manual is not correct in this case.

Subject: Re: DRC DHS-2 sampling question for DV module
Posted by carlson_monica on Fri, 24 Apr 2015 15:03:46 GMT

Just a quick questions about the DV sample for DRC. When I run the Province breakdown of the 6,811 women in the DV sample, and run descriptives with the DV weight on, I was a bit surprised by the sample breakdown by province -- mostly with Bandundu having the highest N and % of the sample? Just wanted to double check this with you all. Is this correct?

V101 Province

	Frequency/Percent
Valid 1 Kinshasa	823/12.1
2 Bandundu	1089/16.0
3 Bas-Congo	312/4.6
4 Equateur	913/13.4
5 Kasai-Occidental	426/6.3
6 Kasai-Oriental	642/9.4
7 Katanga	648/9.5
8 Maniema	189/2.8
9 Nord-Kivu	561/8.2
10 Orientale	661/9.7
11 Sud-Kivu	546/8.0
Total	6811/100.0

Subject: Re: DRC DHS-2 sampling question for DV module
Posted by Trevor-DHS on Thu, 30 Apr 2015 22:12:44 GMT

That looks in line with the distribution of the population of women given in table 3.1 and matches the distribution given in table 18.1, so I'm not seeing a problem. Please also read the information given in Chapter 1 and Appendix A for the sample.

Subject: Re: DRC DHS-2 sampling question for DV module
Posted by seiha on Fri, 31 Jul 2015 04:03:07 GMT
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I agree with the post.