
Subject: Domestic violence weight for NFHS 5
Posted by [Dibyasree](#) on Tue, 24 Jan 2023 12:01:30 GMT
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I am trying to understand the use of domestic violence weight in analysis for NFHS-5. Whether d005 will be used for creating a domestic violence weight variable d005/1000000 and use it at the end of regression or it should be put in the svyset command before running regressions to get the correct estimations.

Subject: Re: Domestic violence weight for NFHS 5
Posted by [Janet-DHS](#) on Fri, 27 Jan 2023 12:26:18 GMT
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Following is a response from DHS staff member, Tom Pullum:

All surveys that used the domestic violence module include d005. It is a modification of v005 that adjusts for any additional nonresponse that may apply to the module, beyond any nonresponse to the women's interview as a whole.

If you do a tabulation or a regression that includes a variable from the DV module, women who do not have a valid response to the DV variable will be omitted because cases with NA values for any of the variables are always dropped. In effect, d005 adjusts for those women who were eligible for the module but did not respond, to give unbiased estimates, under an assumption that the nonresponse is random (of course it is not random, but that's another story). You should use d005 in the svyset command for any tabulations, etc., that include a DV variable.

If the model does NOT include a DV variable, use the usual svyset with v005. If you accidentally used d005 in svyset when you should be using v005, you will drop women who did not respond to the DV module, because they will have NA (a dot) for d005.

In the svyset command, or with any use of pweight, you never need to divide by 1000000. You can if you want, but it makes no difference. To confirm this, do a run with that divisor and a run without, and compare the results. That's because Stata always automatically re-normalizes pweights to have a mean of 1.

Subject: Re: Domestic violence weight for NFHS 5
Posted by [Dibyasree](#) on Mon, 30 Jan 2023 04:57:42 GMT
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Thank you so much for the clarification.
