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Subject: Re: Survey weighting with HIV and Domestic violence weights

Posted by [Bridgette-DHS](#) on Mon, 18 Dec 2023 13:22:32 GMT

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Following is a response from Senior DHS staff member, Tom Pullum:

If you have merged the IR and AR files, then you have three possible weights: v005, d005, and hiv05. If your analysis includes both DV variables and hiv03, the weight variable would be either d005 or hiv05. The general rule DHS recommends is to use the weight that has the most adjustment for nonresponse. That is, if there is more nonresponse for DV than for HIV then use d005; if there is more nonresponse for HIV than for DV, then use hiv05. The latter is probably true, but that's an empirical question. You could calculate the nonresponse rates or you could just look at the report, which should give both nonresponse rates, and compare.

It would even be possible to calculate new weights, adjusting for nonresponse on BOTH DV and HIV, but I don't think it would be worth the extra effort.

To summarize: use hiv05 if there is more nonresponse for HIV (by women) than for DV, which I would expect, or use d005 if the reverse is true.

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