
Subject: Re: methodology for calculation of DV weights
Posted by [Bridgette-DHS](#) on Mon, 26 Jul 2021 14:52:53 GMT
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Following is a response from DHS Senior Sampling Specialist, Mahmoud Elkasabi:

We do not have a specific document that explains the calculation of the DV weight. Also, unfortunately, it is not explained in detail in the sampling manual,
https://dhsprogram.com/pubs/pdf/DHSM4/DHS6_Sampling_Manual_Sept2012_DHSM4.pdf

However, users can use the same approach as for the individual's weight, except that the design weight dhi in page 23 of the manual should be adjusted for the within-household selection. This can be simply done by multiplying dhi for each household by the number of women 15-49 in that household. Then the weight can be adjusted for nonresponse for the DV module similarly to how the women's weight is adjusted.

Also, going back to the earlier exchange, you could just use hv005; v005 will slightly over-represent the non-respondents.