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Subject: Re: Appropriate 'weight'

Posted by [Janet-DHS](#) on Tue, 24 Oct 2023 13:32:07 GMT

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

State weights are used for the analysis of a single state. If you are analyzing groups of states, as in your proposed research, then you will want to use the national weights, because they weight each state in proportion to its actual population. If you used the state weights, then you would be weighting each state in proportion to its sample size. Smaller states tended to be over-sampled, and larger states tended to be under-sampled (this is typical in stratified samples), and as a result the state weights would over-represent the smaller states and under-represent the larger states, within each group of states. So I recommend that you use the national weight, v005 or hv005, in your analysis.

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