Subject: Re: Sample weights for blood pressure data
Posted by Bridgette-DHS on Fri, 14 Aug 2020 14:01:43 GMT
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Following is a response from DHS Research & Data Analysis Director, Tom Pullum:

We would recommend using v005 as the weight, even for a subsample. I don't know what software you are using, but we prefer Stata. In Stata, with the pweight option, the weights are automatically normalized so that the mean weight for the cases in your model is 1. This should take care of the subsampling issue. If there is additional nonresponse for the subsample that is not random, that will not be taken into account, but I still would use v005.

In Stata, "Not applicable" is indicated by a dot or period ("."). Everyone who is not eligible for a question or variable is coded with a dot. If someone was eligible but refused, could not be located, etc., they should have a numeric code such as 999. You need to be sure to omit those codes when calculating means, etc.

You do not need to "denormalize" the weights! What I said above applies to any model. In Stata, use pweight=v005.

For any estimation model or the calculation of confidence intervals or test statistics you need to use svyset and svy. Please check the forum for references to them.