
Subject: Sample weights for blood pressure data
Posted by [Lukem](#) on Fri, 14 Aug 2020 08:58:23 GMT
[View Forum Message](#) <> [Reply to Message](#)

Dear DHT Team (and users),

We are planning to investigate the prevalence of hypertension in countries where DHS surveys have collected quantitative or qualitative information on blood pressure. I have several questions with regard to the use of sample weights in these analyses:

1. For countries where only a subsample of women were eligible for blood pressure measurement (usually a subsample living in households eligible for the male survey - examples are Bangladesh 2011 and Nepal 2016), would it be acceptable to simply use individual sample weights (variable v005) or would there need to be some sort of correction for the fact that only a subset of women were eligible for this component of the survey? If so, how would this be accomplished?
2. In the same surveys, where only a subsample of women were eligible for blood pressure measurement, is there a straightforward means to identify women who were eligible for but did not undergo blood pressure testing (in surveys where there is not a variable coding for consent to take blood pressure - which could be used for this purpose)?
3. For regression analyses using multiple appended surveys (looking at socioeconomic variables), having denormalized the sample weights using country-specific demographic information, how would sample weights be applied in the models?
4. Are there any 'special considerations' with regard to the use of clusters and PSUs that would need to be taken into account in these regression analyses?

I appreciate that I have asked several questions here and I would be very grateful for your responses and insights.