Subject: Re: sick child observation - client weights
Posted by Sarah-DHS on Thu, 28 May 2015 13:07:24 GMT
View Forum Message <> Reply to Message

Dear Emily,

Here is a response from Senior Sampling Statistician, Ruilin Ren, and Data Processing Specialist, Claudia Marchena.

From a data processing perspective, frequencies could be weighted or un-weighted depending on what do you need them for. Regarding the weighting, it seems that you are trying to produce estimations of frequencies with sampling errors, so the use of sampling weight is recommended. Only the weighted estimations are unbiased. Regarding the question on standard error estimation counting for clustering, it is the health facility which should be declared as cluster, not the provider. In all the statistical software which can take clustering effects into account in variance estimation, the "cluster" means the "primary sampling unit", the PSU. In the SPA settings, the PSU should be the health facility, not the providers. Regarding the units should be included in the sick child analysis, it is indeed correct.

Please let us know if this answers your question.
Thanks,
Sarah-DHS