Subject: Re: weighting child data
Posted by Liz-DHS on Tue, 16 Jan 2018 17:31:10 GMT

A response from senior sampler, Dr. Ruilin Ren:
Quote:
For Q#1: The answer is no. The "re-normalize" (rather d-normalize in our words) is to reverse the normalization procedure, so it has to use the women population size and sample size. The children's population size and sample size were not used in the weight normalization.

For Q#2: The answer is no. As stated in the question above, "re-normalization" is to remove the normalization factor from the normalized weight, there is no other way. But if you pool different survey data from the same country, you can "re-normalize" the weight using number of households to approximate, this assumes that the average number of women 15-49 per household is constant across surveys.

$V005^* = V005 \times$ (total number of residential households in the country at the time of the survey)/(number of households interviewed in the survey)