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Subject: Re: Sampling weight calculation for Under five children of Bangladesh  
Posted by [Bridgette-DHS](#) on Mon, 08 Oct 2018 22:07:48 GMT

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Following is a response from Senior DHS Stata Specialist, Tom Pullum:

The best source for an estimate of, say, the number of children under 5 in Bangladesh at the time of the survey would be from the website for the UN Population Division (<https://population.un.org/wpp/>). Once you have such a number, you can use DHS data to estimate, say, the number of children under five who do not have a full set of immunizations, by applying the proportion in the DHS sample to the population age 0-4 estimated by the UN.

The DHS weights are calculated in such a way that the sum of `v005/1,000,000` is equal to the total sample size (of women). You might think that if you inflate those weights by a factor  $1/F$ , where  $F$  is the sampling fraction, you will get population estimates. That's correct, but the estimates would not be as good as if you use another source such as the UN numbers I mentioned above.