Subject: Calculation of sample size in BDHS 2014
Posted by mdhasan4 on Wed, 13 Dec 2017 05:07:04 GMT
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Dear Experts,

I would like to know the justification of sample size calculation. In every report, we get sampling technique what they used it but didn't mention anything about why 600 EA and selected 30 household per cluster? Is there any formula or way that can help us to convinced the people.

I am cordially requesting the experts who are involved with this program, please give your value able opinion. Sometimes we fall in big trouble, we can't give satisfactory answer to our supervisor.

Subject: Re: Calculation of sample size in BDHS 2014
Posted by Bridgette-DHS on Thu, 14 Dec 2017 13:39:01 GMT
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Following is a response from Senior DHS Stata Specialist, Tom Pullum:

Under the "Publications" tab at www.dhsprogram.com you can find core documentation, including a description of the sampling procedures:
https://www.dhsprogram.com/pubs/pdf/DHSM4/DHS6_Sampling_Manu al_Sept2012_DHSM4.pdf
.

The number of EAs in each stratum, and the number of households in the EAs, are based on a compromise between (a) the funds and staff available for data collection and (b) the desired power of the survey to detect real differences in the population. The survey design is approved by in-country experts as well as DHS staff. You, as a researcher, should not be held accountable for the survey design.

Subject: Re: Calculation of sample size in BDHS 2014
Posted by tasnuva on Tue, 11 Sep 2018 14:54:54 GMT
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Thank you for this information. One reviewer of a journal asked me same questions on a manuscript. Your response is very helpful.