
Subject: Population mean from Sample - NFHS 1 and 2
Posted by [Niranjana](#) on Mon, 18 May 2020 09:06:37 GMT
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Hi Everyone,

I have been working with the DHS's India Women's Birth Recode data rounds I and II. I was able to create a woman-year unbalanced panel where a woman enters the panel at the birth of the first child and exits at the time of interview. So using this now I am able to get a retrospective birth history of the woman. Now when I combine this data with information from the harmonized district data on NFHS provided by IPUMS, I can get the district of residence of the woman. I want to now generate some population means for the state/district using sampling strategy. For example, I have the number of people in the sample reporting to be sterilized in a particular year(v316), so I can generate the number of people in the survey who report being sterilized in a state in a particular year. Is there anyway, I can generate a population mean of people being sterilized in say year 1985 using the NFHS BR data by combining it with other population covariates (Population growth rates, NFHS sampling strategy, sample mean etc)?

Do let me know if there has been a precedent to calculate this population means from sample mean and if yes, how to go about it. Thanks so much!

Best regards,
Niranjana
