Subject: Re: Developing wealth-specific all women factors
Posted by Bridgette-DHS on Wed, 16 Nov 2016 14:50:53 GMT
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Following is a response from Senior DHS Stata Specialist, Tom Pullum:

Quote:There is no question that awfact (a generic term for awfactt, etc.) is a random variable, and when the weight is multiplied by awfact/100, the product has a substantial random component, especially for women under age 24. The all-woman factor is calculated for a single year of age, such as age 15, as the number of women (girls?) in the household population who are age 15 divided by the number at that age who are ever-married. Thus awfact is a random variable and it has an associated sampling error. However, I recommend that you simply proceed with using the net weight as if it had no random component.

But what do you mean by "confidence intervals for cross tabulations"? A cross-tab is a table of frequencies from the sample, for example the number of cases in the sample in each combination of current age group and current contraceptive method. You should use weights for those frequencies. Then you can calculate percentages, measures of association, etc., all of which could have a confidence interval. Please clarify what you mean by that term.