
Subject: Re: Trend analysis with different number of 'PSU' and 'Strata'
Posted by [Bridgette-DHS](#) on Mon, 07 Mar 2022 15:45:06 GMT

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Following is a response from DHS Lead Statistician, Ruilin Ren:

The Pakistan surveys are not easily combined because of their differences. First, you cannot simply append the two surveys data because of the normalization of the sampling weight, especially with the different coverage and different normalization policies. The 2012-13 survey did not include AJK and FATA regions, but the two regions are small, they together represent only about 5% of Pakistan. Second, the 2017-18 survey had a separate normalization policy, requested by the Government of Pakistan. GB and AJK were normalized separately and independently. If you want to use the 2017-18 survey data for all Pakistan, the denormalization of must be done in 3 parts, separately for GB, AJK, and the rest of Pakistan. We cannot help with that.

The recommendation is that you analyze trends using just the areas that were included in both the surveys. You can append the data files but note that the PSUs (clusters) in the two surveys were different.