
Subject: issue about data merge : senegal 2012-2019
Posted by [lijjxuan](#) on Mon, 12 Jun 2023 08:10:33 GMT
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Dear everyone,

I am studying patient experience in Senegal, especially the relationship between the patient experience with the quality of health facility and the process quality provided by healthcare workers.

But I did not find any relevant statement in the SPA report to indicate whether these 7 years have been continuous sampling? Or other sampling methods?

I would like to know if it is possible to compare the quality between different survey years and combine the data from all years to obtain the final analysis results which I am interested.

I would be grateful. Please, help

Subject: Re: issue about data merge : senegal 2012-2019
Posted by [Janet-DHS](#) on Tue, 20 Jun 2023 20:28:41 GMT
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Following is another response from DHS Lead Statistician, Ren Ruilin:

If I summarize the user's question, it is basically three questions:

1. Are the survey results comparable across survey years? The answer is yes, users can compare the indicators across surveys, normally at national level. Comparisons at sub-national levels are not guaranteed since the survey were not designed to do so.
 2. Can the different survey years data be combined together? The answer is yes, but with conditions. One cannot combine directly the different years survey data because of the normalized weight. Before data combining, the sampling weight needs to be de-normalized. We had answered countless times the question on combining DHS survey data from the data user forum, the user can search on the data user forum to get the detailed instructions on how to combine survey data using normalized weight.
 3. Are the different year's survey continuous survey or not? The answer is "it depends". I believe we have a small document accompanied to each data file explaining the data collection methodology. But this is not quite relevant with the user's aims of study. DHS always releases combined data if the different years data are from a continuous design. So, the user can judge based on the released data.
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