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Subject: Senegal men's recode urban sample  
Posted by [numbers2life](#) on Fri, 15 Oct 2021 11:45:33 GMT  
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Hi DHS

I have been working with men's recode data on home ownership in Senegal 2019 DHS, and I have run into some figure mismatches in the Statcompiler and the raw data. I can reproduce the figures at the national level for men who own a house solely, jointly, and solely and jointly, but I cannot do the same at the urban level. After digging deeper, I suspect that this is a sampling issue: at the national level, there are 3,365 observations in the raw data and in the Statcompiler (shown when unweighted observations is enabled). However, at the urban level there are 1,181 observations in the Statcompiler but 1,285 observations when filtering the raw data (`mv025 == "urban"`). Further complicating the issue, if I correctly interpreted the French, in the final report the urban sample size is shown as 1,248 observations.

My calculations are being run in R, pulling the raw data off the API using the `rdhs` package.

Please could you advise on how to resolve the sample mismatches? Is there some other filter than the Statcompiler applies to men's recode data that changes the sample size at the urban level? Why are the urban sample sizes different between the raw data, Statcompiler and final report, yet the same at the national level?

Cheers

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Subject: Re: Senegal men's recode urban sample  
Posted by [Bridgette-DHS](#) on Wed, 20 Oct 2021 14:42:06 GMT  
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Following is a response from DHS Senior Sampling Specialist, Mahmoud Elkasabi:

The Senegal 2019 DHS interviewed men 15-59, therefore you should consider the age (`mv012`) in filtering the target population. When `mv012 >=15 & mv012 <=49` is used, you will find a total of 1,181 men from the MR dataset which is consistent with the final report. If you don't use the filter, estimates will be based on men 15-59, which are also published in Statcompiler.

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Subject: Re: Senegal men's recode urban sample  
Posted by [numbers2life](#) on Fri, 22 Oct 2021 07:23:58 GMT  
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Thanks Mahmoud, problem solved.

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