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Subject: Re: Antenatal care - at least four visits (%)  
Posted by [Liz-DHS](#) on Wed, 11 Jun 2014 13:40:08 GMT  
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Dear User,

Here is a response from our expert sampler, Dr. Ruilin Ren:

Hi Amira

Usually the DHS surveys were not designed to allow disaggregation below the survey domains which are the Governorates in Egypt. The indicator you are interested related to last birth (or all births) in last five years which is much smaller than the number of women interviewed (not all women had a birth in the last five years). The DHS's policy is that if an indicator was calculated based on 25 un-weighted cases or less, the DHS will not report the indicator because the sampling errors will be relatively large for small sample size. I did not go to the details of the Egypt data, according to what you reported, some districts have only 15 observations (it is not clear if you got 15 births or 15 women interviewed), we strongly recommend you to not disaggregate to single district level. You may need to group the districts to get relatively larger areas for your analysis. If your study restricts you to single district analysis, you cannot just run your analysis based on the data you have, you may need advanced techniques such as small area smoothing which involves the use of outside-survey information and large amount of calculations.

Hope this is helpful.

Thanks.

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