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Subject: MOST APPROPRIATE DENOMINATOR  
Posted by [Ibraheema](#) on Wed, 25 Jan 2023 13:47:15 GMT  
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Good afternoon all,

To estimate missed opportunity for IPT3 among women aged 15-49 with at least 1 live birth in the 2yrs preceding survey who also had at least 4 ANC visits, what would be the most appropriate denominator?

1) Women aged 15-49 who had a live birth 2 years preceding the survey and who attended ANC at least 4 times in their last pregnancy and received less than 3 doses of IPTp SP

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Total number of women aged 15-49 who had a live birth 2 years preceding the survey and who attended ANC at least 4 times in their last pregnancy.  
(2103)

OR

2) Women aged 15-49 who had a live birth 2 years preceding the survey and who attended ANC at least 4 times in their last pregnancy and received less than 3 doses of IPTp SP

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Total number of women aged 15-49 who had a live birth 2 years preceding the survey  
(4087)

I'm thinking it should be the first=2103

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Subject: Re: MOST APPROPRIATE DENOMINATOR  
Posted by [Janet-DHS](#) on Fri, 27 Jan 2023 20:31:39 GMT  
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Following is a response from DHS Lead Malaria Research Analyst, Cameron Taylor and DHS staff member, Tom Pullum:

It depends on what your outcome indicator is for your analysis. Based on what you described, I think you are wanting to look at Total number of women aged 15-49 who had a live birth 2 years preceding the survey and who attended ANC at least 4 times in their last pregnancy as your denominator. As a reminder, one thing that you will also need to take account in your analysis is timing of first ANC visit. For example, if a woman doesn't attend ANC until their 7 month of pregnancy there is no way for them to receive at least three doses of IPTp.

Here is an analysis that might be of interest to your paper  
<https://dhsprogram.com/pubs/pdf/AS39/AS39.pdf>

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Subject: Re: MOST APPROPRIATE DENOMINATOR  
Posted by [Ibraheema](#) on Sun, 29 Jan 2023 08:07:35 GMT  
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Thank you very much for your response. This is very helpful.

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