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Subject: Re: Rotav Vaccine and nutrition

Posted by [Janet-DHS](#) on Thu, 07 Sep 2023 21:18:21 GMT

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Following is a response from DHS staff member, Tom Pullum:

It's difficult to figure out what you are asking, but I think the important issue is whether you should be doing this analysis with the API. It could be better to go to the data files. In your code, you are apparently trying to use a rate ("Value") and its denominator ("DenominatorWeighted") to calculate the numerator of the rate (which you call "N") so you can do some further analysis. Wouldn't it be better to do an individual-level analysis of the child data in the KR file? In the KR file you have information about immunizations and nutrition for individual children and you can make adjustments for the survey design (weights, clustering, and stratification). You will have information about the association between immunizations and nutrition, for example, if you use the KR file.

If your question is just about which of alternative values of "DenominatorWeighted" to use, that will depend on which subpopulations they describe--which should be documented on the API or on STATcompiler--and which subpopulation is most appropriate for your analysis. I don't think it would be safe just to go with the highest value.