Subject: Dataset with county disaggregated under 5 mortality rates
Posted by sokiya on Wed, 25 Oct 2023 13:24:55 GMT
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Hi,
I am working on a sub-national index that requires under 5 mortality rate (and not NNMR PNNMR IMR CMR) using 10 years preceding the survey as the window at the county level. I know CM_CHILD.do achieves this partly but will appreciate guidance (probably) of a few lines that achieves my described goal. For example, I am not interested in any of the confidence intervals. I hope this is achievable.
Thanks in advance!

Subject: Re: Dataset with county disaggregated under 5 mortality rates
Posted by Bridgette-DHS on Wed, 25 Oct 2023 16:44:56 GMT
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Following is a response from Senior DHS staff member, Tom Pullum:

The U5MR may seem like the simplest rate but in fact it is the most complicated. Deaths and exposure are calculated separately for each of 8 age intervals. If you want an exact match, you have to use CM_CHILD.do or something equivalent.

If you want to compare subpopulations, then you can construct a measure such as the proportion of children born 1-120 months before the month of interview who died before the 5th birthday. You would use the BR file; b3 is cmc of birth, v008 is month of interview, and b7<60 identifies children who died before the 5th birthday. This will give a binary variable that can be used in logit regressions, hazard models, etc., but it is NOT the same as the U5MR.

Subject: Re: Dataset with county disaggregated under 5 mortality rates
Posted by sokiya on Wed, 25 Oct 2023 17:26:49 GMT
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Thanks for the reply. I sincerely appreciate.
In that case I believe the use of syncmrates command will be the best approach for me.