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Subject: Re: U5M and IMR

Posted by [Trevor-DHS](#) on Mon, 09 May 2016 16:01:41 GMT

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Please see the Guide to DHS Statistics, pages 90-94, and pay particular attention to the Calculation section. We use a synthetic cohort life table approach as described in point 3 on page 91, and we estimate mortality for a five year period preceding the survey (see the diagram on page 93) where  $t_0$  would be the month before interview and  $t_1$  would be 5 years before interview.

In your code you are not limiting the time period at all. You need to restrict the time period to the children exposed to the risk of mortality in the last 5 or 10 years. That isn't just limiting to children born in the last 5 years, but includes child born more than 5 or 10 years ago who contributed some exposure in the last 5 or 10 years (late entries in the life table).

Also note that we don't use a classic life table approach, and your results, even when limited to exposure in the last 5 or 10 years, will differ slightly from our approach.

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