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Subject: Re: Problem with dates in the Ethiopia datasets

Posted by [kbhan89](#) on Tue, 21 Apr 2020 20:19:52 GMT

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Hi,

Sorry to bring up this issue again.

I'm currently working on the 2016 Ethiopia DHS data. I have deliberately read the discussions seen above and the recode documentation.

However, I still have some issues making me confused. I would be grateful if you could help me clarify the following points.

1) I wonder if v009 (respondent's month of birth) has already been converted to the Gregorian calendar or not. If I understood the recode and documentation the discussions above correctly, v009 should be the one based on the Ethiopian calendar since the information on a respondent's day of birth was not collected and then precise conversion cannot be done. If I compute v011 (date of birth - cmc) manually using v009 (respondent's month of birth) and v010 (respondent's year of birth - based on the Ethiopian calendar), I can get the same values of v011 in the dataset, leading me to guess that v009 is also from the Ethiopian calendar.

2) Thanks to the clear explanations done above, I have understood that b1(month of birth) has already been converted to the Gregorian calendar while b2(year of birth) has not. Then, could you let me know how b3 (date of birth - cmc) was computed? If I do the same computation as I did for v011 (i.e.  $b3=(b2-1900)*12+b1$ ), I get the same values of b3 in the dataset. Does it mean that these cmc values are coming from the months by the Gregorian calendar and the years by the Ethiopian one? I need to convert b2 to the Gregorian one by using b3, but the values of b3 in the data file are a little confusing to me.

I might be missing something important. Please correct me if I have made wrong points.

Thank you very much for your help in advance.

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