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Subject: Under five mortality

Posted by [amanki2002@yahoo.com](mailto:amanki2002@yahoo.com) on Sat, 18 Sep 2021 10:19:55 GMT

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Dear DHS experts,

I am trying to estimate the trend and factors associated with U5M on three surveys appended data sets from Zambia (2007-2018). I want to create a binary category for U5M to see the relations on separate subcategories, but I could not generate the binary outcome variable to incorporate tabulating by background characteristics in STATA. I have read several posts here and I came to understand the complex command for assessing the overall 5 time period probability of U5M.

This has really taken my time and your help is highly appreciated.

Kind regards,  
Amanuel

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Subject: Re: Under five mortality

Posted by [Bridgette-DHS](#) on Mon, 20 Sep 2021 18:13:56 GMT

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Following is a response from DHS Research & Data Analysis Director, Tom Pullum:

The under-five mortality rates are compound rates that can only be calculated for aggregates. To proceed with individual-level data, you might try pooling the BR files from successive rounds and working with the child's date of birth (b3), survived / died (b5), age at death (b7) and covariates. You could try a survival / hazard model.

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Subject: Re: Under five mortality

Posted by [rhopper1](#) on Thu, 01 Sep 2022 17:22:13 GMT

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Dear DHS team

I am trying to generate under 5 mortality data for Sierra Leone for Sierra Leone.

I use the GitHub codes for Chapter 8 (CM\_CHILD.do, CM\_PMR.do, and CM\_tables1.do) as explained, and I am able to use them to generate the tables in the DHS 2019 report. The codes are here: [DHS-Indicators-Stata/Chap08\\_CM](#) at master · DHSProgram/DHS-Indicators-Stata · GitHub

The problem is that I want to keep the infant and child mortality information generated on each individual so I can see these by wealth quintile, age of female giving birth, location etc etc.

I have tried to take some of the code from the files to generate the key information I want (on

mother's age at birth, birth interval, birth order and birth size) without producing the summary information that comes out in the tables, but I am not generating the same information then as in the DHS 2019 reports so I am clearly doing something wrong.

Is there an easy way to edit the codes on gifthub so that I keep the information on infant and child mortality for each household?

Are you able to explain how this can be done?

Thanks

Robbie

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Subject: Re: Under five mortality  
Posted by [Shireen-DHS](#) on Thu, 01 Sep 2022 19:46:40 GMT  
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Hello,

Before using the DHS Program GitHub code, please read the readme file and the notes for the main file in each chapter and well as the notes section at the top for each do file you plan to run.

Chapter 8 code will produce tables by covariates, however you need to run the code from the main file. If you check the CMmain.do file, you will see that this runs all do files in the chapter and produces tables using the CMtables1 and CMtables2 code.

To run the code, please change to your paths in the CMmain file and select your survey. If you are only interested in running the CM\_CHILD and CM\_PMR do files (with the associated CM\_tables1.do), please comment out the remaining code from line 48 onwards in the CMmain.do file so those do files do not run.

Thank you.

Best,

Shireen Assaf  
The DHS Program

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