
Subject: Computing TFRs from MICS surveys

Posted by [Chamberlain](#) on Thu, 20 Oct 2022 15:46:26 GMT

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I would like to compute TFR and ASFR estimates from Malawi MICS 2019. I have used the tfr2 programme which Bruno Schoumaker adapted (from your old versions), and is explained in the attached paper. In the paper, he adapted to the WFS and MICS datasets. The 2021 Malawi MICS report only provides estimates at national level - I think it is a present trend by UNICEF to produce indicators at national level. However, there is a demand for TFRs and other key statistics at sub-national level.

As the MICS data is not standardised like the DHS, I attempted to use the tfr2 Stata module to generate TFR estimates. However, I am having challenges to generate them, and I am getting abnormal TFR estimates when I use the tfr2 programme. I tried to use the tfr programme: https://github.com/DHSProgram/DHS-Indicators-Stata/blob/master/Chap05_FE/FE_TFR.do but it seems it is more suitable for DHS data.

I would like to request your help. I have attached the files. the rtf (contains the do file I used to simulate MICS data, and the state output I obtained using the tfr2 State module); the data itself.

Subject: Re: Computing TFRs from MICS surveys

Posted by [Bridgette-DHS](#) on Thu, 20 Oct 2022 19:35:27 GMT

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

Here is a Stata program to construct a file that is equivalent to an IR file, for the calculation of fertility rates. You should be able to use it with Bruno Schoumaker's tfr2 program, or with the fertility program on DHS's GitHub site. If you want rates for covariates, such as region, you just need to save them from wm.dta.

File Attachments

1) [make_IR_file_for_fertrates_from_MICS_do.txt](#), downloaded 138 times
