Subject: Perinatal Mortality
Posted by Hassen on Mon, 19 Oct 2020 15:12:34 GMT
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Dear all, I want to examine factors associated with perinatal mortality. So, which dataset is prefereable? How can I calculate the result of table 8.4 Ethiopia DHS 2016 especially, perinatal mortality rate (33 per 1000), Number of stillbirths(130), Number of early neonatal deaths (236) and Number of pregnancies of 7+ months duration (11,071)? I am using 2016 Ethiopia DHS with Stata version 14 software.
With Kind Regards,Hassen A.(MPH)

Subject: Re: Perinatal Mortality
Posted by Shireen-DHS on Tue, 20 Oct 2020 16:26:24 GMT
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Hello Hassen,

The indicators you are interested can be calculated using code we have provided on our GitHub site: https://github.com/DHSProgram

Specially for Stata code, you should look at Chapter 8 and the do file CM_PMR.do.
Please see https://github.com/DHSProgram/DHS-Indicators-Stata/tree/mast er/Chap08_CM

However, before running any code please read the readme file and also the main file for the chapter. You will need to change the paths and select your survey as the first instructions. For the Ethiopia 2016 survey you will need the ETIR71FL.dta and the ETBR71FL.dta files.

Also it may be useful for you to check the Guide to DHS statistics that discuss these indicators.
https://www.dhsprogram.com/Data/Guide-to-DHS-Statistics/inde x.htm#t=Perinatal_Mortality.htm

Thank you.

Best,
Shireen Assaf
The DHS Program

Subject: Re: Perinatal Mortality
Posted by Hassen on Wed, 21 Oct 2020 19:47:19 GMT
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Dear Shireen Assaf, I would like to express my gratitude and appreciation for your attractive response! Thank you very much!!
With Kind Regards, Hassen

Subject: Re: Perinatal Mortality
Posted by Shireen-DHS on Wed, 21 Oct 2020 19:49:33 GMT
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You are very welcome.
Best,
Shireen

Subject: Re: Perinatal Mortality
Posted by Hassen on Sun, 25 Oct 2020 06:28:24 GMT
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Dear Dr. Shireen Assaf, I want to examine the effects of Female Genital Mutilation (FGM) on Perinatal mortality among women of aged 15-49 years. Hence, Can I use IR dataset only? How can I create a dichotomise outcome variable for Perinatal mortality? How can I create the independent variable 'FGM' having 4 categories (Type 1, 2,3 & not fgm)? or dichotomise into women experienced fgm as cut & otherwise not cut? How can I create Community level factors such as community poverty index, community level educational level...?
Cheers, Hassen

Subject: Re: Perinatal Mortality
Posted by Shireen-DHS on Tue, 27 Oct 2020 16:18:00 GMT
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Dear Hassen,

We just recently uploaded the code for the FGM indicators on GitHub. You can find it here:
https://github.com/DHSProgram/DHS-Indicators-Stata/tree/mast er/Chap18_FG
Also you can read more about these indicators here:
https://www.dhsprogram.com/Data/Guide-to-DHS-Statistics/inde
x.htm#t=18_Female_Genital_Cutting.htm
The FGM indicators us the IR file.

As mentioned previously, before attempting to run any code from our GitHub code share site, please read the readme file and the main file for the chapter.

Perinatal mortality is a rate and you cannot create a dichotomous variable from this.

For your question on community level variables, there are many ways to do this. One easy way is to create a binary variable of the indicator you want at the community level and then take the mean at the cluster level. For example in the code below I create a binary variable for education that is secondary or more. Then I create a cluster or community level variable educlus as shown.

```
recode v106 (0/1=0 "noedu/primary") (2/3=1 "secondary+") (8/9=.), gen(edu)
bysort v001: egen educlus=mean(edu)
```

Hope this helps.

Best,
Shireen Assaf
The DHS Program

Subject: Re: Perinatal Mortality
Posted by Hassen on Tue, 27 Oct 2020 22:52:37 GMT
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Dear Dr.Shireen Assaf,I sent my cheerful acknowledgement to your sweet and clear assistance!
Thank you very much!!
With Best Wishes,Hassen Ali
