
Subject: Re: Replicating table 8.4: ETHIOPIA DHS 2000
Posted by Trevor-DHS on Mon, 04 Jan 2021 17:57:42 GMT
[View Forum Message](#) <> [Reply to Message](#)

You nearly had it with your code! A couple of fixes for you:

- 1) You don't need the rename following the keep statement as there are less than 10 entries in the non-live pregnancy history, and thus no cases with a leading 0.
- 2) You had successfully isolated the stillbirths, but you also needed to drop the cases that were missing on s231c_

I added in code to extract just the births in the last 5 years from the birth history (at the beginning), and then added code to combine the files (at the end) using append (not merge as you are appending births and stillbirths, not merging them together).

```
* select cases and variables of interest from the birth history  
use "ETBR41FL.DTA", clear
```

```
keep caseid v001 v002 v003 v005 v008 v011 v013 v017 v018 v019 v021 v022 v023 b3 b6  
* keep births in the last 5 years  
keep if b3 > v008-60
```

```
save births, replace
```

```
* select cases and variables of interest from the non-live pregnancy history  
use "ETIR41FL.DTA", clear
```

```
keep caseid v001 v002 v003 v005 v008 v011 v013 v017 v018 v019 v021 v022 v023 s231ac_*  
s231c_*
```

```
* convert to long format to match birth history  
reshape long s231ac_ s231c_, i(caseid) j(i)
```

```
* keep only pregnancies in the last 5 years of 7 month duration or longer  
drop if s231ac_==.  
keep if s231ac_ > v008-60 & s231c_ >=7 & s231c_ != .
```

```
* rename cmc date of pregnancy to match birth history  
rename s231ac_ b3
```

```
* combine births and non-live pregnancies of 7+ months  
append using births
```

```
* set weight variable  
gen wt = v005/1000000
```

```
* capture stillbirths - those with a duration of pregnancy in s231c_  
gen stillbirth = (s231c_ != .)  
tab stillbirth [iw=wt]
```

* capture early neonatal deaths (deaths in the first 7 days [0-6] = b6 < 107)
gen earlyneonatal = (b6 < 107)
tab earlyneonatal [iw=wt]

* perinatal mortality is stillbirths or early neonatal deaths
gen perinatal = (stillbirth | earlyneonatal)
tab perinatal [iw=wt]

This shows 234 stillbirths, 421 early neonatal deaths, and a perinatal mortality rate of 5.25 percent, equivalent to 52.5 per thousand (the last digit is slightly different and I don't have an explanation why).
