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Subject: Re: Child growth

Posted by [Trevor-DHS](#) on Tue, 27 Oct 2015 17:30:40 GMT

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I'm going to give you this in two parts as this is how it is calculated:

- 1) First using the birth history (Births' recode dataset - BR) calculate the early neonatal mortality.
- 2) Second using the calendar data from the women's individual recode dataset (IR) calculate the stillbirths.

For the first part you can use the code below:

\* Early neonatal mortality

\* use Births' Recode

use "BDBR61FL.dta", clear

\* create a child Alive or Died variable using the b5 variable

gen alive=b5

lab def alive 0 "Died" 1 "Alive"

lab val alive alive

lab var alive "Alive or Died by the time of survey"

\*\*\* Age at death using variables b6 and b5

gen age\_death=.

replace age\_death = 0 if b6<=106 & b5==0

replace age\_death = 1 if b6>=107 & b6<=130 & b5==0

replace age\_death = 2 if (b6> 130 & b6<=999) | b5==1

lab def age\_death 0 "Early Neonatal Death" 1 "Late Neonatal Death" 2 "Survived Neonatal Period"

lab val age\_death age\_death

lab var age\_death "Neonatal Mortality Status"

gen wt=v005/1000000

svyset v021 [pw=wt], strata(v023)

svy: tab age\_death if v008-b3<60, per count form(%7.3g)

svy: tab age\_death if v008-b3<60, per col form(%7.3g)

For the second part, open the individual recode dataset (BDIR61FL.dta), and then use the code posted here in this message. In this code, you can ignore births and nlbirths, and just use stillbirths.

These are the two parts that go into table 8.5. The first part will give you 220 early neonatal deaths out of 8789 total births in the period 0-59 months preceding the survey. The second part will give you 232 total stillbirths (223 women with 1 and 4.56 with 2.  $223*1 + 4.56*2 = 232$ ).

The perinatal mortality rate is then calculated as  $(220 + 232) / (8789 + 232) = 0.050$  (or 50 per 1000).

In the above code, the first part counts twins, but if you only want pregnancies and not births of 7+ months then you can look at the code for births in the second part, where twins are ignored.

I hope this helps.

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