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Subject: Indonesia neonatal mortality 2002/2007  
Posted by [adev](#) on Fri, 20 Feb 2015 07:20:52 GMT  
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Hello -

I am using the following stata code to calculate the number of neonatal deaths:

```
gen neodeaths= 0
forvalues i = 1/20 {
  replace neodeaths = neodeaths+1 if b3_`i' != . & b3_`i' >= v008-59 & b5_`i' == 0 & b7_`i' == 0
}
```

The code produces the same number as published neonatal deaths for IDHS2007 (308 deaths) but not for IDHS2002 (My 296 deaths vs. published 290 deaths). However, using 296 produces the published NMR (20/1000) and using 290 does not (19/1000). Is it ok to assume that my 2002 calculations are correct? Not sure why this discrepancy would exit for one survey but not another.

Thank you,  
Alka

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Subject: Re: Indonesia neonatal mortality 2002/2007  
Posted by [Trevor-DHS](#) on Sat, 21 Feb 2015 19:29:15 GMT  
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There are several things to note here:

- 1) DHS does not calculate neonatal mortality rate in this way, but uses the approach described in the Guide to DHS Statistics, pages 90-94.
- 2) DHS actually uses the period 1-60 months preceding the survey as month 0 (the month of interview) is on average only half a month (assuming the interview is on average in the middle of the month).
- 3) Your code will be a close approximation to the calculation of neonatal deaths that DHS uses.

I'm not sure where you found the value of 290, but when I tabulate the data I also get 296 for the numerator of the neonatal mortality rate, so I would go with that figure.

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Subject: Re: Indonesia neonatal mortality 2002/2007  
Posted by [adev](#) on Mon, 23 Feb 2015 15:49:27 GMT  
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Thank you. The 290 came from the DHS report for the 2002-2003 survey. I'll stick to 296.

Alka

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