
Subject: Re: Calculating perinatal death

Posted by [Janet-DHS](#) on Sat, 16 Nov 2024 00:42:37 GMT

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

With DHS-8 data and the birth histories it is now much easier to calculate the perinatal mortality rate. I will paste below the Stata lines to do it, using the new GR file. It includes code for one covariate (wealth quintiles) and the total.

We have written new Stata code for Chapters 5 and 8 but it may not yet be posted on the GitHub site.

* Table 8.4 in Bangladesh 2022 DHS final report

* Use the GR file for DHS8 surveys

```
use "...BDGR81FL.DTA", clear
```

* Reduce the file to births and stillbirths in months 0-59 before the survey

```
keep if p19<60 & (p32==1 | p32==2)
```

```
gen wt=v005/1000000
```

* Construct the outcome variables

```
gen stillbirth=0
```

```
gen enn_death=0
```

```
replace stillbirth=1 if p32==2
```

```
replace enn_death=1 if p32==1 & p6<=106
```

```
replace stillbirth=stillbirth*wt
```

```
replace enn_death=enn_death*wt
```

```
gen case=wt
```

```
collapse (sum) stillbirth enn_death case, by(v190)
```

```
gen st_rate=1000*stillbirth/case
```

```
gen enn_rate=1000*enn_death/case
```

```
gen peri_rate=st_rate+enn_rate
```

```
gen ratio=stillbirth/enn_death
```

```
list, table clean
```

```
collapse (sum) stillbirth enn_death case
```

```
gen st_rate=1000*stillbirth/case
```

```
gen enn_rate=1000*enn_death/case
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```
gen peri_rate=st_rate+enn_rate
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gen ratio=stillbirth/enn_death
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```
list, table clean
```
