
Subject: Stillbirths

Posted by [sumonrupop](#) on Sun, 22 May 2016 12:43:03 GMT

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Hi

I am trying to calculate stillbirths by using pooled data of most recent three BDHS data. I generate the comment given below but not work properly. Can anyone help me in this regards

/calculation of stillbirth poolir

```
gen stillbirths = 0
```

```
gen births = 0
```

```
gen nlbirths = 0
```

```
* Set length of calendar to use
```

```
gen callen = v018 + 59
```

```
* If calendar is aligned right (as in original dataset), use the following:
```

```
gen beg = v018
```

```
gen end = callen
```

```
* If calendar is aligned left (as it appears to be), use the following:
```

```
*gen beg = 1
```

```
*gen end = 60
```

```
* Loop through calendar summing births, non-live pregnancies and stillbirths
```

```
forvalues i = 1/80 {
```

```
  * Restrict to 60 months preceding survey
```

```
    replace births = births+1 if `i' >= beg & `i' <= end & substr(vcal_1,`i',1) == "B"
```

```
    replace nlbirths = nlbirths+1 if `i' >= beg & `i' <= end & substr(vcal_1,`i',1) == "T"
```

```
    replace stillbirths = stillbirths+1 if `i' >= beg & `i' <= end & substr(vcal_1,`i',7) == "TPPPPP"
```

```
}
```

```
* total pregnancies in last 5 years
```

```
//gen totpreg5 = births+nlbirths
```

```
* total pregnancies of 7+ months in last 5 years (all live births, plus the stillbirths)
```

```
//gen totpreg7m = births+stillbirths
```

```
replace stillbirths=1 if stillbirths==2
```

```
//survey set preparation
```

```
gen psu =v001
```

```
egen strata=group(v024 v026) /*BDHS first stratify region and then urban (city. others)/rural*. It contains =20=OK*/
```

```
*gen strata = hv023 /*this may correct because DHS mention 20 strata*/
```

```
gen sampwt=v005/1000000 //as per DHS instruction page 9 variable v005//
```

```
svyset psu [pw=sampwt], strata(strata)
```

```
//////////Weight//////////
```

```
gen sqw =sampwt^2
```

```
egen sumsqw = sum(sqw), by(v001)
egen sumw = sum (sampwt), by(v001)
gen cluswt=sampwt* sumw/sumsqw
gen pwt2=cluswt
gen pwt1=sampwt
```

* Produce number of stillbirths
svy: tab stillbirths, cell count

```
svy: tab stillbirths , per count form(%7.3g)
svy: tab stillbirths, per col form(%7.3g)
```
