
Subject: Re: Indonesia vcal calendar data
Posted by [Trevor-DHS](#) on Thu, 22 Jan 2015 16:20:21 GMT
[View Forum Message](#) <> [Reply to Message](#)

I haven't gone through your code, but here is code that will calculate the number of still births from the calendar. It also calculates live births and total pregnancies of 7 months or more, but these counts exclude twins (for which you need to use the birth history in addition).

* Calculate still births in the last 5 years

```
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) == "TPPPPPP"
```

```
}
```

* 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
```

* Create weight variable.

```
gen wgt = v005/1000000
```

* Set up svyset parameters for complex samples.

```
svyset v021 [pweight=wgt], strata(v023)
```

* Produce number of stillbirths

```
svy: tab stillbirths, cell count
```