Subject: Re: Indonesia vcal calendar data
Posted by Trevor-DHS on Thu, 22 Jan 2015 16:20:21 GMT
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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
```