Subject: Calculating for Infant Mortality Rate
Posted by e.macarayan@uq.edu.au on Thu, 06 Jun 2013 01:23:11 GMT
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Hi! I would like to compute for the IMR per province in the Philippines, but I am having trouble with the way it's supposed to be. Using the weights (gen weight = int(v005/1000000)) creates "0" IMR for some provinces. I wonder why this happens.

Can anyone help me? This is what I have done so far. Thanks so much! I'd surely appreciate.

```
//Birthdate
gen kdobyy = int((b3-1)/12) + 1900
 sum kdobyy, detail
 label variable kdobyy "child's year of birth"
gen kdobmm = b3 - ((kdobyy-1900)*12)
 sum kdobmm, detail
 label variable kdobmm "child's month of birth"
gen bdate = ym(kdobyy,kdobmm)

//Survey date
gen intyy = int((v008-1)/12) + 1900
 sum intyy, detail
gen intmm = v008 - ((intyy-1900)*12)
 sum intmm, detail
gen surveydate = ym(intyy,intmm)

//Age at measurement
gen kintageyy = intyy - kdobyy
 sum kintageyy, detail
 label variable kintage "child's age in years"
gen kagemm = kintageyy*12
 sum kagemm, detail
 label variable kagemm "child's age in months"
gen kintagemm = intmm - kdobmm
 sum kintagemm, detail
 label variable kintagemm "additional child's month age"
gen kage = kagemm + kintagemm
 sum kage, detail
 label variable kage "age of child in months at the time of interview"
**double check:
gen measureage = surveydate - bdate


//b5: Alive? 0 No 1 Yes
gen alive = b5 == 1
gen dead = b5 == 0

//b7: Age at death (months imputed)
```

```
gen agedeath = b7

//Covariates
ren v024 region
gen weight = int(v005/1000000)
egen strata = group(sprov), label
 tab strata
svyset[pweight=weight],psu(sprov) strata(strata)
```