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

//Survey date

```
gen inty = int((v008-1)/12) + 1900
sum inty, detail
gen intmm = v008 - ((inty-1900)*12)
sum intmm, detail
gen surveydate = ym(inty,intmm)
```

//Age at measurement

```
gen kintagey = inty - kdoby
sum kintagey, detail
label variable kintagey "child's age in years"
gen kagemm = kintagey*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)
```
