
Subject: Computing Under-5 Mortality

Posted by [femifemi](#) on Mon, 15 Dec 2014 07:24:04 GMT

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Please I have problem reproducing Under-5 mortality in Nigeria DHS report. How do I go about it. Below are some of the codes I have tried. Thank you in anticipation.

/*

Using kids' record NGKR6AFL.DTA

*/

```
*Compute weight
gen weight=v005/1000000
svyset [iweight=weight]
```

```
*Tabulate the survival status of child
tab b5 [iweight=weight]
```

* b5 shows that Under-5 mortality rate was 92 deaths per 1000 live births different from 128/1000 in report

*compute child's age as at the date of interview where v008=CMC Date of interview,b3=CMC date of birth of child

```
gen chldage = int( (v008-b3)/12 )
```

* Result shows that all of them died 0-4 years before survey

* b6 & b7 indicate that all the children died before age 5

/*

Using women's birth history in NGIR6AFL.DTA

*/

*Rename to drop zeros

```
rename b*_0* b*_*
```

```
keep caseid b* v008 v005 v021 v022
```

*Reshape

```
reshape long bidx_ b1_ b2_ b3_ b4_ b5_ b6_ b7_ b8_ b9_ b10_ b11_ b12_ b13_ b15_
b16_,i(caseid) j(bidx)
```

*Compute weight

```
gen weight=v005/1000000
```

```
svyset v021 [pweight=weight],srata(v022)
```

*compute child's age as at the date of interview where v008=CMC Date of interview,b3=CMC date of birth of child

```
gen childage = int( (v008-b3)/12 )
```

* Result shows that all of them died 0-4 years before survey

* Tabulation of b6 & b7 indicate that all the children died before age 5

*Tabulate survival status of child

```
svy: tab b5_
```

*Result in b5_ shows that Under-5 mortality rate was 170 deaths per 1000 live births but I want to reproduce 128/1000 in report