
Subject: Re: incorrect stunting rates

Posted by [Trevor-DHS](#) on Wed, 07 Mar 2018 20:09:16 GMT

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I'm matching the numbers from the report with the following code:

```
library(foreign)
```

```
library(survey)
```

```
# switch to directory where my data exists
```

```
setwd("C:/Data/DHS_stata/")
```

```
# read the PR dataset
```

```
data <- read.dta("BUPR61FL.dta", convert.factors = TRUE)
```

```
# subset for children measured with valid measures who are de facto
```

```
data2 <- data[!is.na(data$hc70) & data$hc70<9000 & data$hv103==1,]
```

```
# making a variable for stunting
```

```
data2$stunt <- ifelse(data2$hc70 < -200,'stunted','not_stunted')
```

```
# create weight variable
```

```
data2$wt <- data2$hv005/1000000
```

```
# survey settings
```

```
data.w <- svydesign(id = ~ hv001, data = data2, weight = ~ wt, strata = ~ hv022)
```

```
# tabulate stunting by sex
```

```
svyby(~stunt, ~hv104, data.w, svymean)
```

```
      hv104 stuntnot_stunted stuntstunted se.stuntnot_stunted se.stuntstunted
```

```
male    male      0.3790181  0.6209819      0.01352742   0.01352742
```

```
female female    0.4687265  0.5312735      0.01374611   0.01374611
```