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Subject: Re: DHS ZIMBABWE 2015

Posted by [Bridgette-DHS](#) on Tue, 04 Jan 2022 02:13:06 GMT

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Following is a response from DHS Senior Sampling Specialist, Mahmoud Elkasabi:

To calculate DEFF with R, using the svydesign function, the weights must first be divided by 1,000,000. To analyze data for one region (or another subpopulation), the subset function should be used. Here is the R code:

```
DHSdesign<-svydesign(id= ~fin_df$PSU, #V021  
strata= ~fin_df$STRATA, #V022  
weights= ~fin_df$PERWEIGHT, #V005/1000000  
data=fin_df)
```

```
DHSdesign_sub <-subset(DHSdesign,V024=xx)
```

```
# the DHSdesign_sub should be now used instead
```

```
DEFF<- svymean(~fin_df$C_SEX2, design=DHSdesign_sub, na = TRUE, deff = TRUE)
```

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