
Subject: Re: How to Weight Data in R
Posted by [dhswe](#) on Wed, 28 Jun 2017 21:54:59 GMT
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Hello:

I am trying to calculate the % of urban households that use a flush toilet connected to a sewer. I am using the Survey package in R. Here is some sample code using the 2015 DHS for Zimbabwe:

```
zimsurvey <- svydesign(id = zim$hv001, strata=zim$hv023, weights = zim$hv005/1000000,  
data=zim)
```

```
svyby(~hv205, ~hv025, zimsurvey, svymean)
```

This gives me (partial results):

hv025	hv205	flush to piped sewer system
urban	urban	0.75060493
rural	rural	0.01380543

This proportion is much higher than what is reported in the DHS stat compiler (35.6%). I must be using the sampling weights incorrectly. Any insight?

Thanks,

Michael
