
Subject: Re: Why I am getting different total observations when using iweight for tabulating a variable

Posted by [sujata](#) on Thu, 09 Feb 2023 16:45:32 GMT

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Dear Tom,

Thank you very much for your reply.

I still have one query regarding the number of observations and population size. Even without applying svyset if I tabulate hv025 using iweight=shweight/1000000 the total number of observations is less.

```
gen weight_dis=shweight/1000000
```

```
ta hv025 [iw= weight_dis]
```

```
type of |
```

```
place of |
```

```
residence | Freq.    Percent Cum.
```

```
-----+-----
```

```
urban |26,122.0845  38.46 38.46
```

```
rural | 41,791.793   61.54 100.00
```

```
-----+-----
```

```
Total | 67,913.878   100.00
```

Here Total is showing 67913.878, which is less than the actual number of observations, which is 68,549. Applying aweight gives a total of 68549. should I apply aweight or I am doing something wrong? Do I need to merge PR with HR and use shweight from HR file?
