

---

Subject: Re: Two or Three Sampling Stages  
Posted by [Trevor-DHS](#) on Wed, 16 Apr 2014 15:07:25 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Both of the messages from Tom and Ruilin are saying essentially the same thing, just in different ways. When combining surveys, you need to adjust the weights so that they are comparable. The easiest way to do that is something like:

new Weight = survey Weight \* (Population N / Survey N),

or as Ruilin wrote it "divide the weight by the ratio of households in the sample for the survey to households in the population, and similarly for women":

new Weight = survey Weight / (Survey N / Population N)

The two are equivalent.

The survey Weight and the survey N you have from the dataset. For the population N, you can choose your source of preference. For myself, I usually go to the UN's World Population Prospects: [http://esa.un.org/wpp/unpp/panel\\_indicators.htm](http://esa.un.org/wpp/unpp/panel_indicators.htm) . If I am analyzing women, I would pick "Women aged 15-49", Medium variant, and pick the year most appropriate to my analysis for the country.

I hope this helps.

---