
Subject: population size

Posted by [catherino222](#) on Sat, 08 Apr 2017 18:20:19 GMT

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Hello,

I have a question about the population size in regression outputs. I used the code below for applying weights and survey design in Stata.

```
egen clusters=group(v021), label
egen strata=group(v024 v025), label
svyset cluster [pweight=v005], strata(strata) singleunit(centered)
```

My data is Cameroon DHS 2011(15,426 women in sample).

My output, however, shows a very large population size. I thought the population size was suppose to reflect the population of women in the country.

Also, will the population size double if 2 datasets (2004 and 2011)for the same country are pooled together?

Here is the output for CDHS 2011:

```
Number of strata = 22          Number of obs   = 15426
Number of PSUs   = 578        Population size  = 15425999854
                   Design df   = 556
                   F( 1, 556)  = 127.68
                   Prob > F    = 0.0000
```

```
-----
      |          Linearized
v301 | Odds Ratio  Std. Err.   t   P>|t|   [95% Conf. Interval]
-----+-----
v024 | 1.131586   .0123798  11.30  0.000   1.107528   1.156166
_cons | 7.975635   .9747392  16.99  0.000   6.273487  10.13962
-----
```

thank you
Catherine
