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Subject: Re: Tanzania 2010

Posted by [Trevor-DHS](#) on Sat, 18 Oct 2014 18:39:39 GMT

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The problem is that in certain strata there is only one cluster, and for the calculation of sampling errors and confidence intervals at least two clusters are required in each cluster. In this case the best thing is to regroup the strata to permit the calculation of the sampling errors. In the case of this Tanzania dataset, the following have only one cluster:

18: Kagera, urban

22: Kusini Pemba, urban

23: Kaskazini Pemba, urban

I suggest grouping these with the rural strata for the same regions, e.g. with

44: Kagera, rural

48: Kusini Pemba, rural

49: Kaskazini Pemba, rural

Thus I suggest using the following:

```
recode hv022 (18=44) (22=48) (23=49), gen(strata_new)
```

```
svyset hv021 [pw=hv005], strata(strata_new)
```

As you are using a subpop with your tabulation, you may hit this issue with other strata, in which case you will need to make a decision to regroup further strata together.

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