
Subject: Error in computing TFR from DHS.rates package
Posted by sarojaadhikari2@gmail.com on Tue, 17 Jan 2023 12:30:45 GMT
[View Forum Message](#) <> [Reply to Message](#)

I am trying to compute TFRs by residence and education in DHS countries. However, I got the following error in many countries. How can I address this error? Please help.

```
Error in svydesign.default(id = ~v021, strata = ~v022, weights = ~rweight, :  
  Clusters not nested in strata at top level; you may want nest=TRUE.
```

Subject: Re: Error in computing TFR from DHS.rates package
Posted by [Janet-DHS](#) on Tue, 17 Jan 2023 21:32:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

Thank you for submitting your question. Could you please provide some more detailed information so we can better advise you?

Can you let us know:

- Which survey you are using (Include country name and year)?
- Which data files you are referring to?
- Which software you are using (Stata, SPSS, R, etc.)?

If you are trying to match a Table in a final report, please also indicate which table and which estimate you are trying to match.

Subject: Re: Error in computing TFR from DHS.rates package
Posted by sarojaadhikari2@gmail.com on Thu, 26 Jan 2023 12:25:44 GMT
[View Forum Message](#) <> [Reply to Message](#)

I am using India's DHS data from the 2005-06 survey. I am using individual recode files to calculate TFR by using the DHS.rates package to calculate TFR in R.

following is the code I used

```
fert(data,"tfr",JK="Yes",CL=95,class="education")
```

I used the same function for other countries and it was working fine.

Subject: Re: Error in computing TFR from DHS.rates package
Posted by [Janet-DHS](#) on Fri, 27 Jan 2023 12:28:13 GMT
[View Forum Message](#) <> [Reply to Message](#)

Following is a response from DHS staff member, Tom Pullum:

I suspect the problem is that the case identifiers in all the India surveys must include the region

variable, which is hv024 in the PR file and v024 in the IR file. The easiest way to take this into account could be as follows. Open the IR file and construct a new variable for cluster, called v001r, which is all combinations of v024 and v001 (in Stata this would be "egen v001r=group(v024 v001)"). Then replace v001 with v001r and save with a different filename. Run the rates program on this file. Please let us know whether this does or does not work.

Subject: Re: Error in computing TFR from DHS.rates package
Posted by sarojaadhikari2@gmail.com on Tue, 07 Feb 2023 12:56:57 GMT
[View Forum Message](#) <> [Reply to Message](#)

Yes, it worked. Thank you!
