Subject: Re: How do I account for clustering within families?
Posted by Liz-DHS on Thu, 24 Apr 2014 17:28:10 GMT

From Stata Tech Support:
If you take a look at the section "Linearized/robust variance estimation" in the manual entry of "variance estimation-Variance estimation for survey data" [(SVY] manual), near the end of this section, it says

"$V^{G^(beta)}|beta=beta^}$ is computed using the design-based variance estimator for a total."

Then in the section "Variance of the total", you could see how PSUs and multi-stage sampling units are handled in the formulas.

A quick way to open the PDF manual is to first type

 help svy

and click the hyperlink "[SVY] svy" in blue at the top of this page. You could then navigate the Bookmarks on the left of the PDF screen and under the bookmark "[SVY] Survey Data", select "variance estimation".