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Subject: Re: Family structure

Posted by [Bridgette-DHS](#) on Wed, 09 Jan 2019 11:39:42 GMT

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Following is another response from Senior DHS Stata Specialist, Tom Pullum:

Your December 26 email is almost identical to a query you posted on November 1, 2015. I replied to that query and don't have much to add now. If you are still working on this, I think there are two problems. The first is that you cannot do what you want to do with just the IR file. A typology of household types or family types requires hv101 (relation to head), hv104 (sex) and hv105 (age) in the PR file. You can also get information from hv112 and hv114 (line number of a child's mother or father, if in the household). You would use the PR file to calculate a code for household type or family type and then attach the code to the women in the IR file, using a PR-IR merge. The second problem is that hv101 gives the relation of household members to the household head. Sometimes the head is a woman, but if not, then you have a limitation, especially if there is more than one eligible woman in the household.

You probably can get close to a solution if you are willing to say that some small percentage of cases are ambiguous or indeterminate. In most surveys, really complex household structures are relatively rare.

You provided some Stata code with the 2015 post, but not with the recent one. Did you mean to include some? You say "please find the syntax for the same" but there was no attachment. You can re-post with an attachment.