Subject: NFHS-5, Household structure
Posted by Varsha on Thu, 02 Mar 2023 12:58:07 GMT
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Hello,

I have merged the PR and IR files. I want to create a variable that shows a married woman(from the IR file), residing with both her mother-in-law and father-in-law, mother-in-law only, and father-in-law only. Basically, I want a variable that shows coresidence with in-laws. Can you please help me out with this?

Subject: Re: NFHS-5, Household structure
Posted by Bridgette-DHS on Fri, 03 Mar 2023 16:12:23 GMT
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Following is a response from Senior DHS staff member, Tom Pullum:

This is an interesting request. I have written a Stata program to identify whether a woman is living with her father-in-law or mother-in-law, but it is more general. It refers also to coresidence with her own parents, and similarly for men, and their parents-in-law and parents. This is done entirely with the PR file. It applies only to women and men who are either the household head or the spouse of the head. The key variable is hv101, the relation to head code. Let us know if you have problems with the program. It should work for any survey, but the hv101 codes should be checked because they are not the same in all surveys. You can reduce this file to cases with hv117==1, and then merge with the IR file if you want to see whether there is a difference between women who are living with a parent or parent-in-law and those who are not. You will need to control for other things, such as her age and/or her husband's age. In the NFHS-5, only about 2% of these women (the spouse of the head or the head), are actually living with a parent-in-law.

```
File Attachments
1) parents_and_parents_inlaw_do_2Mar2023.txt, downloaded 270
times
```

Subject: Re: NFHS-5, Household structure
Posted by Varsha on Sat, 04 Mar 2023 10:20:36 GMT
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Thank you, Tom.

I have some doubts.

1. In the below codes, don't we care about the missing values?

```
local ltypes "head_male head_female husband wife fa mo fa_inlaw mo_inlaw"
foreach lt of local ltypes {
egen n_`lt'=total(`lt'), by(hv024 hv001 hv002)
}
```

2. When I'm doing this tabulation tab head_type hv101, I'm getting the output in the attached image. Below this particular tabulation, you have written
"There should not be any cases with head_type=1 or 3 and hv101==2". Accordingly, I should not be getting 4 in the wife or husband column, right?

Can you please explain it?

File Attachments
1) 1.png, downloaded 363 times

Subject: Re: NFHS-5, Household structure
Posted by Bridgette-DHS on Mon, 06 Mar 2023 13:39:06 GMT
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Following is a response from Senior DHS staff member, Tom Pullum:

Yes, there are 4 cases (out of more than a million) with a combination of head type and sex that should not occur. I saw them too but decided not to worry about them. It is possible that they come from a household with multiple wives or a household that has a transgender head or spouse (in this survey, hv104 could take the value 3, for transgender). It would be possible to identify the household or households in which the "illegal" combination occurs, and recode or drop them, but I did not do that. You can certainly recode or drop them if you want.

Subject: Re: NFHS-5, Household structure
Posted by Varsha on Tue, 07 Mar 2023 12:12:59 GMT
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Thank you for the clarification.

Subject: Re: NFHS-5, Household structure
Posted by Varsha on Sun, 12 Mar 2023 12:33:22 GMT
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Hello,

In the second line of the below codes, shouldn't it be replace parents_inlaw_of_woman=parents_of_head if head_type==2 & hv104==2?

```
gen     parents_inlaw_of_woman=parents_inlaw_of_head if hv101==1    & hv104==2
replace parents_inlaw_of_woman=parents_inlaw_of_head if head_type==2 & hv104==2
label values parents_inlaw_of_woman parents_inlaw
```

Subject: Re: NFHS-5, Household structure
Posted by Bridgette-DHS on Mon, 13 Mar 2023 15:21:24 GMT
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Following is a response from Senior DHS staff member, Tom Pullum:

I wrote that program quickly and it is certainly possible that it contains a mistake. I'm glad you are thinking this through before using it. Please feel free to revise if you want.

There are a few households in which the head is a woman and her husband is the spouse, although the norm is for the head to be a man and his wife is the spouse. In either case, the parents of the head will be the parents-in-law of the spouse, and the parents-in-law of the head will be the parents of the spouse.

Subject: Re: NFHS-5, Household structure
Posted by Varsha on Mon, 13 Mar 2023 18:24:39 GMT
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Thank you, Tom.