Subject: Re: Hosehold Member
Posted by Bridgette-DHS on Mon, 30 Mar 2020 21:36:48 GMT
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Following is a response from DHS Research & Data Analysis Director, Tom Pullum:

You definitely can use the NFHS to describe household composition by state. I would encourage doing that.

For state-level estimates you can use either the national-level or state-level weights. You should get the same results either way, because, within each state, the two sets of weights are proportional to each other. I suggest that you do something simple both ways, and see if there's a difference. I don't think there will be a difference.

I can describe how I would calculate different household types in Stata, and I hope you can translate to SPSS. As an example, lets say you want to identify households that consist of the head and spouse, and no other members. I construct a binary variable for each value of hv101. I won't look up the number of codes for hv101 in the NFHS-4 but let's say there are 16. Then, for example:

```
* Open the PR file

gen hv101_1=0
gen hv101_2=0
...
gen hv101_16=0
gen nhh=1

replace hv101_1=1 if hv101==1
replace hv101_2=1 if hv101==2
...
replace hv101_16=1 if hv101==16

collapse (sum) nhh hv101_*, by(hv024 hv001 hv002)
rename hv101_1 n_1
rename hv101_2 n_2
...
rename hv101_15 n_16

* You now have one record per household with the number of people in the household of each type

* n_1 is the total number of persons in the household with code 1 (should be exactly 1)
* n_2 is the total number with code 2
* nhh is the total number of people in the household

* Identify households with one head and one spouse and no one else, call this type A
```

gen hh_typeA=1 if n_1==1 & h_2==1 & n_1+n_2==nhh

* Identify nuclear households, type B

gen hh_typeB=1 if n_1+n_2+n_3==nhh

Etc. you can also merge this file with the PR file, matching on hv024 hv001 hv002

There are ways to make this more efficient. This should help you get started.
