Subject: Creating members sleeping per room
Posted by Preksha Mishra on Mon, 13 Jun 2022 05:55:49 GMT
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Hi,

I am trying to recreate table Table 2.3 of NFHS-4(2015-16) India for number of members sleeping per room. I tried the code provided with the wealth index construction for the year (I ran a code in R based on the following:

if (hhusual=0) hhusual=hhslept.
if (QH45>0) memsleep=trunc(hhusual/QH45).
if (QH45=0) memsleep=hhusual.
if (missing(QH45) or QH45>=99 or memsleep>=98) memsleep=99.
variable labels memsleep 'Number of members per sleeping room'.
value labels memsleep 0 'Less than 1 per room'.
formats memsleep (f2.0).
missing values memsleep (99).

In this case my figures don't match the ones in Table 2.3. Most importantly, I did not get any missing values while the table suggests 0.1% missing values.
Next I tried, considering all household with 0 usual members, while keeping rest the same. Here, although the missing value matched, none of the other figures matched, though they were close.

Is it the case that methodology for recreating the table 2.3 is different from recreating the memsleep variable for PCA. If yes, could you please tell me how to do these matches.

Any help would be much appreciated

Subject: Re: Creating members sleeping per room
Posted by Janet-DHS on Tue, 28 Jun 2022 14:18:17 GMT
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Following is a response from DHS Research & Data Analysis Director, Tom Pullum:

Your "code" uses question numbers ("QH45") rather than variables in the PR or HR file. It's not clear what you are doing. The standard code on GitHub only looks at the number of rooms for sleeping and not persons per room, with a recode of hv216 into categories. To answer your question we would have to search the CSPro code for this specific survey and we don't have the staff time to do that.