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Subject: How to merge a person-level data with a child-level data

Posted by [ojh798](#) on Tue, 15 Sep 2020 06:28:16 GMT

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Dear DHS data expert,

I have one question regarding merging dataset A (a person-level data used as a base file) with dataset B (a child-level data used as a secondary file).

Dataset A (a base file or master file): It was reshaped from wide to long based on a list of variables from hvidx\_01 to hvidx\_21 from a household-level data. In this reshaped data, a new variable called "pnum" (unique person number from 1 to 21 within each household) was created. As linking variables, there are hhid (12-digit number=hv001+hv002) and hv003 (respondent's line number: 3-digit number).

Dataset B (a secondary file or using file): It is a child-level data. As linking variables, there are hwcaseid (15-digit number = hv001+hv002+hv003) and hwline (values = 1, 2, 3).

In order to merge a person-level data (person numbers within each household range from 1 to 21) with a child-level data (child numbers within each household range from 1 to 3), how can I do? The point I would like to consult with you is to ensure which person number in the base data file can correspond to which child number in the secondary data file. Could you help me to resolve with this data merging issue?

Thank you so much in advance.

Best,  
Jihyun

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