Subject: Re: Determining child's birth order
Posted by Bridgette-DHS on Thu, 27 Apr 2023 11:57:18 GMT
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Following is a response from Senior DHS staff member, Tom Pullum:

If you have bidx or bord, but not the other, you can use this algebraic relationship: bidx+bord=v201+1. For example, if a woman had 4 children (v201=4), the most recent birth (with bidx=1) will be the 4th birth (bord=1). That is, 1+4=4+1. You can get bord from bidx with bord=v201+1-bidx.

If you are trying to match "birth order" in some tables, what's tabulated is not really bord but another variable that takes account of multiple births. For example, in the BD 2017-18 final report, tables 9.15-9.18, birth order is constructed from bord as follows. (For this table the loop for "border" only needs to go from 1 to 5 but for other purposes it could go as far as the maximum value of v201 in the survey.)

```
* Birth order
* To match birth order in the tables, bord must be modified to include multiple births
gen border=.
forvalues ll=1/5 {
replace border=`ll' if (bord==`ll' & b0==0) | (bord==`ll'+1 & b0==2) | (bord==`ll'+2 & b0==3)
}
gen     birth_order=1 if border==1
replace birth_order=2 if border>1
replace birth_order=3 if border>3
replace birth_order=4 if border>5
label variable birth_order "Birth order"
label define birth_order 1 "1" 2 "2-3" 3 "4-5" 4 "6+"
label values birth_order birth_order
```