Subject: Skilled assistance for the most recent live birth in the last 5 years preceding the survey (NFHS-4)
Posted by Varsha on Wed, 01 May 2024 14:59:44 GMT

Hello,

I'm trying to match the estimates given in Table 8.19 on assistance during delivery (particularly, estimates in the Total row on page 235). I'm not able to match the estimates, and I'm using the following codes:

```
tab m3g_1 if v208!=0 [aw=v005/1000000], m

clonevar anm_nurse_midwife_lhv = m3b_1
replace anm_nurse_midwife_lhv = 0 if m3b_1==1 & m3a_1==1
tab anm_nurse_midwife_lhv if v208!=0 [aw=v005/1000000], m

clonevar other_health_personnel = m3c_1
replace other_health_personnel = 0 if m3c_1==1 & (m3a_1==1|m3b_1==1)
tab other_health_personnel if v208!=0 [aw=v005/1000000], m

clonevar dai = m3g_1
replace dai = 0 if m3g_1==1 & (m3a_1==1|m3b_1==1|m3c_1==1)
tab dai if v208!=0 [aw=v005/1000000], m

clonevar friend = m3h_1
replace friend = 0 if m3h_1==1 & (m3a_1==1|m3b_1==1|m3c_1==1|m3g_1==1)
tab friend if v208!=0 [aw=v005/1000000], m
```

Also, the footnote in the table says, "If the respondent mentioned more than one person attending during delivery, only the most qualified person is considered in this tabulation." When there is no skilled assistance (that is, m3a_1, m3b_1, and m3c_1 are coded 0), and the response includes more than one from dai, friend/relative, other, and no one, there is no one most qualified. How are we estimating in such a scenario? In the above codes, for friend, I included dai as well in the qualified person, but I'm not sure.

Please help.

Subject: Re: Skilled assistance for the most recent live birth in the last 5 years preceding the survey (NFHS-4)
Posted by Bridgette-DHS on Wed, 01 May 2024 17:53:16 GMT

Here is a response from Senior DHS Staff Member, Tom Pullum:

The following lines will construct the outcome variable. As is stated in the note at the bottom of the table, it is possible for the respondent to have had multiple categories of persons present at the delivery. Therefore you need to fill in the codes in reverse sequence, so that the more skilled categories will over-write the less skilled categories.

```
use "...IAKR74FL.DTA", clear

gen provider=8
replace provider=7 if m3n==1
replace provider=6 if m3k==1
replace provider=5 if m3h==1
replace provider=4 if m3g==1
replace provider=3 if m3c==1
replace provider=2 if m3b==1
replace provider=1 if m3a==1

label define provider 1 "Doctor" 2 "Nurse etc." 3 "Other personnel" 4 "TBA" 5 "Friends" 6 "Other" 7 "Mo one" 8 "DK"
label values provider provider

tab provider [iweight=v005/1000000]
```

Subject: Re: Skilled assistance for the most recent live birth in the last 5 years preceding the survey (NFHS-4)
Posted by Varsha on Wed, 01 May 2024 18:40:42 GMT

Thank you, Tom.

Subject: Re: Skilled assistance for the most recent live birth in the last 5 years preceding the survey (NFHS-4)
Posted by Varsha on Sun, 05 May 2024 22:13:18 GMT

Hello Tom,

Sorry to bother you again.

The estimates provided in the report match when I use the KR file. I tried the same codes for the last birth with an additional line (replace provider=. if v208==0) using the IR file. The codes do not

match exactly. Why is it so?

It would be really helpful if you could show me how to arrive at the estimates using the IR file. Actually, I'm following a report and it uses the IR file.

Subject: Re: Skilled assistance for the most recent live birth in the last 5 years preceding the survey (NFHS-4)
Posted by Bridgette-DHS on Mon, 06 May 2024 15:06:23 GMT
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Here is a response from Senior DHS Staff Member, Tom Pullum:

Table 8.19 is constructed from the KR file, not the IR file. The cases are births, not women. If there was no birth, there was no provider.

If you want to use the IR file and want women to be units, you will have to restrict to one birth in the past 5 years, probably the most recent one. This will be equivalent to restricting the KR file to births with bidx=1.

Subject: Re: Skilled assistance for the most recent live birth in the last 5 years preceding the survey (NFHS-4)
Posted by Varsha on Mon, 06 May 2024 22:57:07 GMT
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Thank you, Tom.