Subject: Postnatal Care within 2 days KR File NFHS-5 (2019-21)
Posted by avnishiitmandi@gmail.com on Sat, 19 Apr 2025 13:30:07 GMT
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Hi everyon,

Could someone please have look at the Stata code below and let me know what it is that I am
doing wrong.

I'm trying to replicate Table 8.24 from the NFHS report of 2019-21.

I am only trying to estimate the Postnatal Care within 2 days.

I am getting the similar percentage but the observations are not same.

```
** WEIGHT VARIABLE
gen weight = v005/1000000
gen wt=weight


**  ============================================================
============== **

** SURVEY SET
gen psu =    v021
//gen strata = v022
gen strata = v023
svyset psu [pw = weight], strata(strata)


**  ============================================================
============== **

keep if midx == 1 & b19 < 24

gen birth2 =0
replace birth2=1 if b19<24


**  ============================================================
============== **

//PNC TIMING FOR THE BABY

gen babycheck=0 if birth2 ==1
replace babycheck = 1 if (m70==1 | m74==1) & birth2==1

cap drop pnc_baby_time
gen pnc_baby_time   = 999 if (birth2==1 & babycheck ==1)
replace pnc_baby_time = m75 if inrange(m76,11,29) & birth2==1
replace pnc_baby_time = m71 if  pnc_baby_time == 999 & inrange(m72,11,29) & birth2==1
```

```
replace pnc_baby_time = 0 if babycheck == 0 & birth2 ==1

cap drop baby_PNC
recode pnc_baby_time (100 =1 "<1 hour") (100/103=2 "1-3 hours") ///
(104/123 = 3 "4 to 23 hours") (124/171 201/202 = 4 "1-2 days") ///
(172/197 203/206 =5 "3-6 days") (207/241 300/305 = 6 "7-41 days") ///
(998 =7 "Don't know") (else = 8 "No postnatal check")  if birth2==1, gen(baby_PNC)
label var baby_PNC "Timing of first postnatal check for the newborn"
label val baby_PNC baby_PNC

cap drop PNC_baby
gen PNC_baby=baby_PNC
replace PNC_baby = 8 if baby_PNC==6
label define PNC_baby 1"<1 hour" 2"1-3 hours" 3"4-23 hours" 4"1-2 days" ///
    5"3-6 days" 7"Don't know" 8"No postnatal check"
label var PNC_baby "Timing of first postnatal check for the newborn"
label val PNC_baby PNC_baby

**  ================================================================
============== **

//PNC within 2days for mother
recode PNC_baby (1/4 =1 "Within 2 days") ///
(else = 0 "Not in 2 days"), gen(baby_PNC_2days)
label var baby_PNC_2days "Percentage of births with a postnatal check during the first 2 days
after birth"

**  ================================================================
============== **

keep if PNC_baby !=.

**  ================================================================
============== **

** RECODE VARIABLES FOR ANALYSIS **

* Mother s age at birth
cap drop agebirth
gen agebirth=(b3-v011)/12
*tab agebirth

cap drop age_at_birth
recode agebirth (min/19.91667=1 "<20") (20/34.91667=2 "20-34") ///
(35/max=3 "35-49"), gen(age_at_birth)
label var age_at_birth "Mother's age at birth"
label val age_at_birth age_at_birth
```

```
* Birth order
gen birth_order1  =  bord
replace birth_order1 = bord-1 if b0 == 2
replace birth_order1 = bord-2 if b0 == 3

recode birth_order1 (1=1 "1") (2/3=2 "2-3") (4/5=3 "4-5") ///
(6/20=4 "6+"), gen(birth_order)
label var birth_order "Birth order"
label values birth_order birth_order

cap drop agebirth birth_order1

**   ===============================================================
============== **

** CHECK **
svy: tab age_at_birth baby_PNC_2days, percent format(%9.1f) row miss
svy: tab birth_order baby_PNC_2days, percent format(%9.1f) row miss
svy: tab v190 baby_PNC_2days, percent format(%9.1f) row miss

svy: tab age_at_birth PNC_baby, percent format(%9.1f) row miss
svy: tab birth_order PNC_baby, percent format(%9.1f) row miss
svy: tab v190 PNC_baby, percent format(%9.1f) row miss

exit
```