Subject: Re: TT injection- table 9.6 of page 170 NDHS 2016
Posted by Liz-DHS on Wed, 29 Nov 2017 16:34:28 GMT
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A response from analyst Lindsay Mallick
Quote:

use NPIR7HFL.dta, clear

numlabel, add

gen wt = v005/1000000

*generate denominator: any woman who had a birth in the last 5 years
recode v208 (0=0) (1/10=1) (else = .), gen(birth5)
label var birth5 "Had a birth in the last five years"

*******Tetanus*********
*two injections alst pregnancy
gen tet2lastp = 0 if birth5 == 1
replace tet2lastp =1 if m1_1 >1 & m1_1<8
label var tet2lastp "Had 2 or more tetanus shots during last pregnancy"

/*New variable includes mothers with two injections during the pregnancy of their last birth or two or
more injections (the last within 3 years of the last live birth), three or more injections (the
last within 5 years of the last birth), four or more injections (the last within 10 years of the
last live birth), or five or more injections at any time prior to the last birth.*/

*full tetanus

*first calculate total tetanus shots
g totet=0 if birth5 ==1
replace totet=m1_1 if m1_1>0 & m1_1<8
replace totet= m1a_1 + totet if (m1a_1 > 0 & m1a_1 < 8)

*now generating variable for date of last injection - will be 0 for women with at least 1 injection at last pregnancy
*use b19, new CDC age var
g lastinj= 9999
replace lastinj = 0 if m1_1>0 & m1_1<8
gen int age = (b19_01)/12
replace lastinj = m1d_1 - age if m1d_1 <20 & (m1_1==0|(m1_1>7 & m1_1<9996)) // years ago of last shot - (age at of child), yields some negatives

*now generate summary variable for protection against neonatal tetanus

```
g ttprotect = 0 if birth5==1
replace ttprotect = 1 if tet2lastp ==1
replace ttprotect=1 if totet>=2 &  lastinj<=2 //at least 2 shots in last 3 years
replace ttprotect=1 if totet>=3 &  lastinj<=4 //at least 3 shots in last 5 years
replace ttprotect=1 if totet>=4 &  lastinj<=9 //at least 4 shots in last 10 years
replace ttprotect=1 if totet>=5  //at least 2 shots in lifetime
replace ttprotect=0 if birth5==1 & ttprotect==.
replace ttprotect = . if birth5==0
lab var ttprotect "Full Neonatal Tetanus Protection"


ta ttprotect [iw=wt]
```