
Subject: Re: Mothers BMI

Posted by [user-rhs](#) on Thu, 13 Mar 2014 20:10:35 GMT

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User--the reason for the "no observations" message is that the people who have non-missing values for your maternal nutrition vbl don't overlap w/ the ppl that have non-missing values for your stunting vbl, you can confirm this via

tab stunting mother_nutrition,miss

Now, when I do child anthropometry, I've always used the HW variables instead of the HC variables. The difference, according to Tom Pullum (via Bridgette-DHS, link here: http://userforum.dhsprogram.com/index.php?t=rview&th=137&goto=262#msg_262), is that HC is taken from ALL children in the household, whereas HW is taken from children whose mothers are in the household. Like Reduced-For(u)m, I use the Child Recode dataset when I do this.

For mother's BMI, I use V445. Note that this is in the women's recode file, so I guess you can miss the children of mothers who weren't the main respondent to the women's questionnaire in this way. When you use HW70 and V445, there is some overlap between mother's nutrition and child stunting:

```
. generate mother_nutrition=.
(5306 missing values generated)
.
. replace mother_nutrition=1 if v445 >=1660 & v445 <1850
(362 real changes made)
.
. replace mother_nutrition=2 if v445 >=1850 & v445 <2500
(1860 real changes made)
.
. replace mother_nutrition=3 if v445 >=2500 & v445 <=3917
(249 real changes made)
.
. tabulate mother_nutrition
```

```
mother_nutr
ition...Freq....Percent.Cum.
1.....362.....14.65...14.65
2.....1,860...75.27...89.92
3.....249.....10.08...100.00
Total...2,471...100.00
```

```
. generate stunting=.
(5306 missing values generated)
.
. replace stunting =1 if hw70>=-600 & hw70<-200
(982 real changes made)
```

```
.  
. replace stunting =0 if hw70>=-200 & hw70<600  
(1353 real changes made)
```

```
.  
.tabulate stunting
```

```
stunting.Freq.....Percent.....Cum.  
0.....1,353.....57.94.....57.94  
1.....982.....42.06.....100.00  
Total...2,335.....100.00
```

```
.tabulate stunting mother_nutrition,miss
```

```
mother_nutrition  
stunting.....1.....2.....3.....M.....Total  
0.....157.....990.....159.....47..1,353  
1.....172.....717.....64.....29...982  
M.....33.....153.....26.....2,759..2,971  
Total.....362.....1,860.....249.....2,835..5,306
```

```
. tabulate stunting mother_nutrition
```

```
mother_nutrition  
stunting.....1.....2.....3.....Total  
0.....157.....990.....159.....1,306  
1.....172.....717.....64.....953  
Total.....329.....1,707.....223.....2,259
```

```
hth,  
RHS
```