Posted by dgodha on Tue, 23 Jan 2018 16:15:48 GMT
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Hello,

I have been doing the estimation for exclusive breastfeeding in multiple countries as described in this forum elsewhere. So far I have not had any problems in matching my estimates. However, it does not match with the DHS report for MP, India (Table 62, page 112). Below, I have pasted the estimates in the report versus those from my output

Quote:Age	Report	My Estimates
<4 mths	67.3	67.05
<6 mths	58.4	58.20
6-9 mths	18.6	18.37
12-15 mths	5.4	5.36
12-23 mths	3.6	3.53

I have used the following code:
*Use IAKR71FL.DTA

*Declare survey data
gen wt=v005/1000000
svyset v001 [pweight=wt], strata(v022) vce(linearized) singleunit(missing) || v002

*Keep children under 2
gen age=v008-b3
keep if age<24

* Child lives with respondent, not elsewhere
keep if b9==0
bysort v001 v002 v003: egen minbidx=min(bidx)
* Need to drop those that are bidx==2 and minbidx==1
drop if bidx>minbidx

** Exclusive breast feeding
gen water=0
gen liquids=0
gen milk=0
gen solids=0
gen breast=0
gen bottle=0

*TO DETERMINE IF CHILD IS GIVEN WATER, SUGAR WATER, JUICE, TEA OR OTHER.
replace water=1 if (v409>=1 & v409<=7)

* IF GIVEN OTHER LIQUIDS
foreach xvar of varlist v409a v410 v410* v413* {

```
replace liquids=1 if `xvar'>=1 & `xvar'<=7
}

cap replace liquids=1 if v412c>=1 & v412c<=7

* IF GIVEN POWDER/TINNED milk, FORMULA OR FRESH milk
foreach xvar of varlist v411 v411a v412 v414p {
replace milk=1 if `xvar'>=1 & `xvar'<=7
}

* IF STILL BREASTFEEDING
replace breast=1 if m4==95

* IF WAS EVER BOTTLE FED
replace bottle=1 if m38==1

*IF GIVEN ANY SOLID FOOD
foreach xvar of varlist v414* {
replace solids=1 if `xvar'>=1 & `xvar'<=7
}
replace solids=1 if v412a==1 | v412b==1

gen diet=7
replace diet=0 if water==0 & liquids==0 & milk==0 & solids==0
replace diet=1 if water==1 & liquids==0 & milk==0 & solids==0
replace diet=2 if           liquids==1 & milk==0 & solids==0
replace diet=3 if                        milk==1 & solids==0
replace diet=4 if                        milk==0 & solids==1
replace diet=5 if                        milk==1 & solids==1
replace diet=6 if breast==0

*diet=0: given only water (full bf)
*diet=1: given only liquids (bf & liquids)
*diet=2: given only milks (bf & milk)
*diet=3: given only solids (bf & solids)
*diet=4: given only milk and solids (bf & milk & solids)
*diet=5: not still breastfeeding (weaned)
*diet=6: not now being breastfed (m4~=95)

gen ebf=0
replace ebf=1 if diet==0
lab de A 0 "No" 1 "Yes"
la val ebf A
lab var ebf "Exclusive BF"

** For matching Table 62, page 112 for exclusive breastfeeding in 0-5 month children in MP**
ta ebf if age<6 & v024==19 [iw=v005/1000000]
ta ebf if age<4 & v024==19 [iw=v005/1000000]
```

ta ebf if age>=6 & age<=9 & v024==19 [iw=v005/1000000]
ta ebf if age>=12 & age<=15 & v024==19 [iw=v005/1000000]
ta ebf if age>=12 & age<=23 & v024==19 [iw=v005/1000000]

I will appreciate if someone can point out my error.

Thanks
D. Godha