Subject: Re: Breastfeeding status by age
Posted by Trevor-DHS on Wed, 20 Apr 2016 16:56:56 GMT
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I'm including below code for calculating the left hand part of table 11.3. The first part for the selection of cases is essentially your code - this selected the last born child living with the mother under the age of 2 years. The second half of the code classifies the breastfeeding status according to the categories in table 11.3. I didn't go through your code in detail, but a couple of notes on the classification:

1) We don't use m39 at all in this classification. Instead it is purely based on the list of foods that the child received in the last 24 hours.

2) The code below is generalized to work with more surveys than just the survey you are interested in. In the Ghana survey the v409-v414w series of variables are coded 0=No,1=Yes,8=DK,9=Missing, but in some surveys the code 1 can actually be values 1-7 for the number of times the child received the food or liquid. The code below will work with either coding.

3) Table 11.3 assumes a hierarchy order as follows:

1 Exclusively breastfed
2 Breastfeeding and consuming plain water only
3 Breastfeeding and consuming non-milk liquids
4 Breastfeeding and consuming other milk
5 Breastfeeding and consuming complementary foods

with the higher number in the list taking priority, and the code being written to follow that priority order.

```
use "GHKR70FL.DTA"

* Last child in the last 2 years living with mother
* age in months
gen age = v008-b3
* drop if too old or not alive
keep if age<24 & b5==1
* recode age into groups
recode age (0/1=1 "0-1")(2/3=2 "2-3")(4/5=3 "4-5")(6/8=4 "6-8")(9/11=5 "9-11") ///
        (12/17=6 "12-17")(18/23=7 "18-23")(24/59=.), gen(child_age)
* tab of all living children born in the last 2 years
tab child_age
tab child_age [iw=v005/1000000]

* keep only those children living with mother ...
keep if b9==0
* ... and keep the last born of those
drop if _n > 0 & caseid == caseid[_n-1]
* check the deonimnator
tab child_age
tab child_age [iw=v005/1000000]

* Breastfeeding status.
```

```
gen water=0
gen liquids=0
gen milk=0
gen solids=0
gen breast=0

* Water
replace water=1 if (v409>=1 & v409<=7)

* Other non-milk liquids
* check for country specific liquids
foreach xvar of varlist v409a v410 v410a v412c v413* {
 replace liquids=1 if `xvar'>=1 & `xvar'<=7
}

* Powdered or tinned milk, formula, fresh milk
foreach xvar of varlist v411 v411a v412 {
 replace milk=1 if `xvar'>=1 & `xvar'<=7
}

* Solid food
* check for country specific foods
foreach xvar of varlist v412a v412b v414* {
 replace solids=1 if `xvar'>=1 & `xvar'<=7
}

* Still breastfeeding
replace breast=1 if m4==95

tab1 water liquids milk solids breast

* Generate column variable used in table 11.3
gen feeding=1
replace feeding=2 if water==1
replace feeding=3 if liquids==1
replace feeding=4 if milk==1
replace feeding=5 if solids==1
replace feeding=0 if breast==0
tab feeding,m

label define feeding ///
  0 "Not breastfeeding" 1 "Exclusive breastfeeding" ///
  2 "+Water" 3 "+Liquids" ///
  4 "+Other Milk" 5 "+Solids"
label val feeding feeding

tab child_age feeding [iweight=v005/1000000], row
```