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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 foodswith 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
```

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