
Subject: Re: Calculating cases for IYCF

Posted by [Bridgette-DHS](#) on Mon, 19 Dec 2016 13:49:32 GMT

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Following is a response from DHS Senior Research Associate, Shireen Assaf:

Quote: To match the table for exclusive breastfeeding you would need to compute some variables such as drank any liquids or consuming any solids, etc. The code below can be used to match the table for exclusive breastfeeding. The estimate is 71.4% for children 0-5 months and the denominator is 1,698.

```
** Exclusive breast feeding  
use MWKR61FL.dta, clear
```

```
gen age=v008-b3
```

```
keep if b9==0
```

```
* finding the youngest child living with the mother for each mother
```

```
bysort v001 v002 v003: egen minbidx=min(bidx)
```

```
* keep only children less than 2 years
```

```
keep if age<24
```

```
* need to drop those that are bidx==2 and minbidx==1
```

```
drop if bidx>minbidx
```

```
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)

** Matching Table 11.3 for exclusive breast feeding in 0-5 month children **

gen ebf=0

replace ebf=1 if diet==0

ta ebf if age<6 [iw=v005/1000000]