
Subject: Re: Calculating cases for IYCF

Posted by [Roselync](#) on Sun, 08 Jan 2017 14:34:31 GMT

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Dear DHS team and colleagues,

I managed to find the exclusive breastfeeding rate of 71.4% which is similar to that of the 2010 Malawi DHS REPORT but surprisingly the denominator(0-5 months) is 1656 instead of 1698,i tried key in the codes that I was given previously several times using Stata but I keep getting the same denominator(1656) .Iam also still finding challenges to find the correct predominant feeding and complementary feeding rate estimate.my predominant feeding rate(0-5 months) was 75.64% and Malawi demographic health survey report rate is 77.5%.my complementary feeding rate (0-23months) is 22.15% and the rate in the report is 19%.I used every step of the code that I was previously given to get the EXCLUSIVE BREASTFEEDING rate(please find it below).I have also indicated how I got the predominant and complementary feeding rate.

** 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]
```

*To calculate predominant breastfeeding rate I used this code

```
gen pred=0
```

```
replace pred=1 if diet==1
```

```
replace pred=1 if diet==0
```

*To calculate complementary feeding

```
gen comp=0
```

```
replace comp=1 if diet==2
```

```
replace comp=1 if diet==3
```

```
replace comp=1 if diet==4
```

Could anyone please advise me on the above percentages, if the differences I have found are acceptable or not;also if I missed any step to calculate the variables for exclusive breastfeeding, predominant feeding and complementary feeding. Your assistance will be highly appreciated.

Regards,
Rose
