
Subject: Re: Calculating cases for IYCF

Posted by [Roselync](#) on Wed, 23 May 2018 23:48:05 GMT

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Dear Bridgette,

Thank you so much for your kind help. I tried to replace the variable for age using the syntax you gave me. However, the age seems not to match with that of the report. For instance, the total sample for children aged 0-5 months who practiced exclusive breastfeeding is 1715; for 9-11 months it is 888. Kindly enlighten me on where I might have gone wrong. Below is the SYNTAX that I used to create the age variable and breastfeeding practices (early initiation of breastfeeding, exclusive breastfeeding, predominant breastfeeding and bottle feeding:

```
gen age=b19
```

```
keep if age<24
```

```
. keep if bidx==1
```

```
ta age [iw=v005/1000000]
```

```
. gen water=0
```

```
.
```

```
. gen liquids=0
```

```
.
```

```
. gen milk=0
```

```
.
```

```
. gen solids=0
```

```
.
```

```
. gen breast=0
```

```
.
```

```
. gen bottle=0
```

```
. replace water=1 if (v409>=1 & v409<=7)
```

```
. replace liquids=1 if v409a>=1 & v409a<=7
```

```
.
```

```
. replace liquids=1 if v410>=1 & v410<=7
```

```
.
```

```
. replace liquids=1 if v410>=1 & v410<=7
```

```
. replace liquids=1 if v410a>=1 & v410a<=7
```

- . replace liquids=1 if v413>=1 & v413<=7
- . replace liquids=1 if v413a>=1 & v413a<=7
- . replace liquids=1 if v413b>=1 & v413b<=7
- . replace liquids=1 if v413c>=1 & v413c<=7
- . replace liquids=1 if v413d>=1 & v413d<=7
- . capture replace liquids=1 if v412c>=1 & v412c<=7
- . replace milk=1 if v411>=1 & v411<=7
- .
- . replace milk=1 if v411a>=1 & v411a<=7
- .
- . replace milk=1 if v412>=1 & v412<=7
- .
- . replace milk=1 if v414p>=1 & v414p<=7
- . replace breast=1 if m4==95
- . replace bottle=1 if m38==1
- . replace solids=1 if v414a>=1 & v414a<=7
- . replace solids=1 if v414b>=1 & v414b<=7
- . replace solids=1 if v414c>=1 & v414c<=7
- . replace solids=1 if v414d>=1 & v414d<=7
- . replace solids=1 if v414e>=1 & v414e<=7
- . replace solids=1 if v414f>=1 & v414f<=7
- . replace solids=1 if v414h>=1 & v414h<=7
- . replace solids=1 if v414g>=1 & v414g<=7
- . replace solids=1 if v414i>=1 & v414i<=7
- . replace solids=1 if v414j>=1 & v414j<=7
- . replace solids=1 if v414k>=1 & v414k<=7

```

. replace solids=1 if v414l>=1 & v414l<=7
. replace solids=1 if v414m>=1 & v414m<=7

. replace solids=1 if v414n>=1 & v414n<=7

. replace solids=1 if v414o>=1 & v414o<=7

. replace solids=1 if v414p>=1 & v414p<=7

. replace solids=1 if v414q>=1 & v414q<=7
. replace solids=1 if v414r>=1 & v414r<=7

. replace solids=1 if v414s>=1 & v414s<=7
. replace solids=1 if v414t>=1 & v414t<=7
. replace solids=1 if v414u>=1 & v414u<=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

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

. gen ebf=0

. replace ebf=1 if diet==0

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

```

```
. * generate age groupings
recode age (0/5 = 0 "0-5")(6/8 = 1 "6-8")(9/11 = 2 "9-11")(12/17 = 3 "12-17")(18/23 = 4 "18-23"),
gen(ageg2)
lab var ageg2 "Age groups"
tab ageg2
```

```
generate age groupings
recode age (0/1 = 0 "0-1")(2/3 = 1 "2-3")(4/5 = 2 "4-5")(6/11 = 3 "6-11")(12/23 = 4 "12-23"),
gen(ageg5)
lab var ageg5 "Age groups2"
tab ageg5
```

```
tabulate exclusive breastfeeding status by age group
tab ageg2 ebf [iw=v005/1000000]
tab ageg2 ebf
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
label define feeding 0 "Not breastfeeding" 1 "exclusive breastfeeding" 2 "+Water" 3 "+Liquids" 4
"+Other Milk" 5 "+complementary"
label var feeding feeding
```

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

```
/*complimentary feeding is category #5 (+solids) and this matches the report for this age group
which is 19.1%*/
```

```
ta feeding if age<6 [iw=v005/1000000]
tab ageg2 feeding [iw=v005/1000000]
/*creating the complementary feeding variable*/
recode feeding (0 1 2 3 4=0) (5=1), gen(comp)
tab ageg2 comp [iw=v005/1000000]
```

```
/*creating the missing variable*/
recode feeding (1 2 3 4 5=0) (0=1), gen(miss)
tab ageg2 miss [iw=v005/1000000]
ta miss if age<6 [iw=v005/1000000]
```

```
/*creating the predominant breastfeeding variable*/
recode feeding (0 4 5=0) (1/3=1), gen(predom)
```

```
/*this matches the report of 77.5% for predominant breastfeeding*/
ta predom if age<6 [iw=v005/1000000]
```

```
tab ageg2 predom [iw=v005/1000000]
```

*creating the predominant breastfeeding variable.
recode feeding (0 1 4 5=0) (2 3=1), gen(predom2)

```
tab ageg2 predom2 [iw=v005/1000000]  
ta predom2 if age<6 [iw=v005/1000000]
```

```
/*bottlefeeding*/  
ta bottle if age<6 [iw=v005/1000000]
```

```
tab ageg2 bottle [iw=v005/1000000]
```

```
ta bottle if age<24 [iw=v005/1000000]
```

```
/*Early initiation of breastfeeding within an hour 0-23 months*/  
ta m34 if age<24 [iw=v005/1000000]
```

```
or  
ta v426 if age<24 [iw=v005/1000000]
```

```
* generate age groupings  
recode age (0/11 = 0 "0-11")(12/23 = 1 "12-23"), gen(ageg3)  
lab var ageg3 "Age groups"
```

```
tabulate early initiation of breastfeeding status by age group  
recode m34 (100= 1 "immediately")(1 199 200= 2 "hours")(1 999 .= 3 "days"), gen(earlyinit)  
lab var earlyinit "EIBF"  
tab earlyinit  
tab ageg3 earlyinit [iw=v005/1000000]
```

```
tab ageg5 initiat [iw=v005/1000000]
```

```
recode earlyinit (1=1 "yes") (2 3 101 201=0 "No"),gen(initiat)  
lab var initiat "EIBF"  
tab initiat  
tab ageg3 initiat [iw=v005/1000000]
```

Regards,

Rose