
Subject: INFANT AND YOUNG CHILD FEEDING PRACTICEPosted by phehintee@gmail.com on Mon, 09 Jul 2018 00:28:35 GMT[View Forum Message](#) <> [Reply to Message](#)

Dear,

I am working on the IYCF indicators for India, however, my results have not been correlating with the NFHS 2015/2016 report. Below are my stata code, kindly help me check for where I am getting it wrong. Most especially in my minimum meal frequency.

```
/* Renaming variables */
rename v130 religion
rename v106 educ
rename v024 state
rename v013 m_agegrp5
rename v012 m_age
rename b4 sex
rename v717 occupation
rename m14 antenatal_no
rename s190u urban_wealth_index
rename v190 wealth_index

/* drop if too old or not alive*/
keep if age_months<24 & b5==1
* recode age into groups
recode age_months (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]
*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]

*Early initiation of breastfeeding*
recode m34 999=.
gen ebf=.
replace ebf=1 if m34 ==0 | m34==100
replace ebf=0 if m34 >=101 & m34!=.
label define ebf 1"yes" 0"no"
label values ebf ebf
tab ebf
tab resident ebf [iw=v005/1000000],row
```

```

/*Exclusive breastfeeding*/
/*Breastfeeding Status*/
gen stillbrtfeeding=0
replace stillbrtfeeding = 1 if m4 ==95
replace stillbrtfeeding = 2 if m4 ==94
label define stillbrtfeeding 1 "still breastfeeding" 2 "never breastfed"
label values stillbrtfeeding stillbrtfeeding

```

```

/*coding other food given*/
gen water=0
gen liquids=0
gen milk=0
gen solids=0
gen breast=0

```

```

replace water=1 if (v409>=1 & v409<=7)
. replace liquid=1 if (v410>=1 & v410<=7)
. replace liquid=1 if (v413>=1 & v413<=7)
replace liquid=1 if (v412>=1 & v412<=7)
replace solids =1 if (v414a>=1 & v414a<=7)
replace solids =1 if (v414e>=1 & v414e<=7)
replace solids =1 if (v414f>=1 & v414f<=7)
replace solids =1 if (v414g>=1 & v414g<=7)
replace solids =1 if (v414h>=1 & v414h<=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(v414s>=1 & v414s<=7)
replace solids =1 if (v414t>=1 & v414t<=7)
replace solids =1 if (v414v>=1 & v414v<=7)

```

```

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

```

```

* 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 values feeding feeding
```

```
tab child_age feeding
```

```
tab child_age feeding [iweight=v005/1000000] if child_age <= 3, row
```

```
/*Continued Breastfeeding at 1 year by Residence*/
```

```
gen cbf=0
```

```
replace cbf = 1 if breast ==1
```

```
label define cbflabel 0 "not-continued bfeeding" 1 "continued bfeeding"
```

```
label values cbf cbflabel
```

```
tab cbf [iweight=v005/1000000] if if age_months>=12 & age_months<=15,row
```

```
/*Introduction of solid, semi-solid or soft foods by residence*/
```

```
recode m39 999=., gen (complemen_intro)
```

```
replace complemen_intro=1 if m39>=1 & m39<8
```

```
replace complemen_intro=. if m39==8
```

```
replace complemen_intro=0 if m39==0
```

```
label define complemen_introlabel 1 "introduced" 0 "not-introduced"
```

```
label values complemen_intro complemen_introlabel
```

```
tab complemen_intro [iweight=v005/1000000] if if age_months>=6 & age_months<=8,row
```

```
/*Counts Minimum meal frequency*/
```

```
recode m39 (2/7=1 "2-7")(else=0), gen(mm1)
```

```
recode m39 (3/7=1 "3-7")(else=0), gen(mm2)
```

```
recode m39 (4/7=1 "4-7")(else=0), gen(mm3)
```

```
/*minimum meal frequency 6-8 months breastfed*/
```

```
gen byte mmf1=.
```

```
replace mmf1=1 if mm1==1 & breast ==1 & child_age==4
```

```
replace mmf1=0 if mm1==0 & breast ==1 & child_age==4
```

```
label define mmf1 0 "Not Freq" 1 "Freq"
```

```
label values mmf1 mmf1
```

```
/*minimum meal frequency 9-23 months breastfed*/
```

```
gen byte mmf2=.
```

```
replace mmf2=1 if mm2==1 & breast ==1 & age_months>=9 & age_months<=23
```

```
replace mmf2=0 if mm2==0 & breast ==1 & age_months>=9 & age_months<=23
```

```
label define mmf2 0 "Not Freq" 1 "Freq"
```

```
label values mmf2 mmf2
```

```

/*minimum meal frequency 6-23 months breastfed*/
gen byte mmf=.
replace mmf=1 if mmf1==1|mmf2==1
replace mmf=0 if mmf1==0 | mmf2==0
label define mmf 0 "Not Freq" 1 "Freq"
label values mmf mmf
tab mmf [iweight=v005/1000000]

```

```

/*minimum meal frequency 6-23 months non-breastfed*/
gen ptfmilk=1 if (v469e>=1 & v469e<=7)
label value ptfmilk ptfmilk
label variable ptfmilk "ptfmilk"

```

```

gen formula=1 if (v469f>=1 & v469f<=7)
label value formula formula
label variable formula "formula"

```

```

gen yogurt=1 if (v469x>=1 & v469x<=7)
label value yogurt yogurt
label variable yogurt "yogurt"

```

```

egen nonbrstfd = rsum(ptfmilk formula yogurt mm3) if ptfmilk~=.| formula~=.| yogurt~=.| mm3~=.
label variable nonbrstfd "non-breastfed meal frequency"

```

```

recode nonbrstfd (1/3 . =0 "No") (4/7 =1 "Yes"), gen(meal4)
tab meal4 [iw=v005/1000000]

```

```

gen totmilk=0
replace totmilk =1 if (v469e>=1 & v469e<=7)
replace totmilk =1 if (v469f>=1 & v469f<=7)
replace totmilk =1 if (v469x>=1 & v469x<=7)

```

```

replace breast=2 if m4==94
gen nbfeeding= totmilk
replace nbfeeding=1 if

```

```

/*sum minimum meal frequency for breastfed and non-breastfed*/
gen smmf=.
replace smmf=1 if totalnbmmf==1|mmf==1
replace smmf=0 if totalnbmmf==0|mmf1==0
label define smmf 0 "Not Freq" 1 "Freq"
label values smmf smmf
tab smmf [iw=v005/1000000], row

```

```

/*minimum diet diversity*/
gen grains=1 if v412a==1| v414e==1|v414f==1

```

```
label value grains grains
label variable grains "grains, roots and tuber"
tab grains
```

```
gen legumes=1 if v414o==1
label value legumes legumes
label variable legumes "legumes and nuts"
```

```
gen dairyp=1 if v411==1 | v411a==1 | v414p==1 |v414v==1
label value dairyp dairyp
label variable dairyp "dairy products"
```

```
gen fleshf=1 if v414h==1 | v414m==1 | v414n==1
label value fleshf fleshf
label variable fleshf "fleshy food"
```

```
gen eggs=1 if v414g==1
label value eggs eggs
label variable eggs "eggs"
```

```
gen vitama=1 if v414i==1|v414j==1|v414k==1
label value vitama vitama
label variable vitama "vitamin_a"
```

```
gen ofruits=1 if v414l==1
label value ofruits ofruits
label variable ofruits "others fruits"
```

```
egen dietindC = rsum(grains legumes dairyp fleshf vitama ofruits eggs) if grains~=.| legumes~=.|
dairyp~=.| fleshf~=.| vitama~=.| ofruits~=.| eggs~=.
label variable dietindC "minimum dietary diversity children"
```

```
recode dietindC (1/3 .=0 "No") (4/7=1 "Yes"), gen(diet4)
ta diet4 [iw=v005/1000000]
```

```
/*minimum dietary diversity 6-23 months*/
tab diet4 [iweight=v005/1000000] if age_months>=6 & age_months<=23,chi col
```

```
/*minimum acceptable diet*/
/* breastfed minimum acceptable diet*/
gen byte bfmindt=.
replace bfmindt=1 if diet4==1 & mmf==1 & age_months>=6 & age_months<=23
replace bfmindt=0 if diet4==0 & mmf==0 & age_months>=6 & age_months<=23 &
still_feeding==1
tab bfmindt [iw=v005/1000000],row
```

```

/* non-breastfed minimum acceptable diet(nbmad)*/
/*dietary diversity for non-breastfed for assessing minimum acceptable diet*/
egen dietindCmad = rsum(grains legumes fleshf vitama ofruits eggs) if grains~=.|
legumes~=.|fleshf~=.| vitama~=.| ofruits~=.| eggs~=.
label variable dietindC "minimum dietary diversity mad"
recode dietindCmad (1/3 .=0 "No") (4/6=1 "Yes"), gen(mad4)

/*Milk food*/
gen milkpowder=1 if v469e>=2
gen infantformular=1 if v469f>=2
gen yogurt_milk=1 if v469x>=2
gen milkfeeds=1 if milkpowder==1 | yogurt_milk==1 |infantformular==1

gen nbmad=0
replace nbmad=1 if milkfeeds==1 & dietindCmad==1 & breast==2 & mm3==1 & age_months>=6
& age_months<=23
replace nbmad=1 if milkfeeds==1 & dietindCmad==1 & breast==2 & mm3==1 & age_months>=6
& age_months<=23
label var nbmad "not freq vs freq"
label values nbmad nbmadlabel
label define nbmadlabel 0 "no-met" 1 "met"
tab nbmad [iweight=v005/1000000], col

/*minimum acceptable diet for both breastfed and non-breastfed*/
gen byte totalmad=.
replace totalmad=1 if nbmad==1 | bfminadt==1
replace totalmad=0 if nbmad==0 | bfminadt==0
tab totalmad [iweight=v005/1000000] , col

```

I look forward to your kind response