Subject: Re: IYCF indicators for nigeria 2008
Posted by anum.ali on Wed, 14 Dec 2022 18:48:04 GMT
View Forum Message <> Reply to Message

thanks for the reply

yes I am trying to generate Nigeria 2008 Table 11.6 Infant and young child feeding (IYCF)
practices have used the definition as of 2018, for all indicators in 2008 correct estimates are
being generated except that minimum meal frequency for non-breastfed and among all children
are not generating correct estimates although the same definition and coding is giving correct
estimates among breastfed children, as result minimum acceptable diet can't be generated for
non-breastfed and among all children, following is the code I used

```
gen age = v008 - b3

*  keep youngest child if under 24 months and living with mother **
keep if age < 24 & b9 == 0

* and keep the last born of those.
* if caseid is the same as the prior case, then not the last born
keep if _n == 1 | caseid != caseid[_n-1]

//currently breastfed
gen bf_curr= m4==95
label values bf_curr yesno
label var bf_curr "Currently breastfeeding"

//Given infant formula
gen inf_formula= v411a==1
label values inf_formula yesno
label var inf_formula "Child given infant formula"

//Given other milk, including fresh, tinned, and powdered animal milk
gen othr_milk= v411==1
label values othr_milk yesno
label var othr_milk "Child given other milk"

//Given other liquids, including juice, juice drinks, clear broth, or other non-milk liquids. Does not
include plain water
gen othr_liquids= v413==1
label values othr_liquids yesno
label var othr_liquids "Child given other liquids"

** Solid or Semi-Solid foods**

//Given grains
```

```
gen grains=  v412a==1| v414e==1 | v412b==1
label values grains yesno
label var grains "Child given grains"

//Given Vit A rich foods
gen vita= v414i==1 | v414j==1 | v414k==1
label values vita yesno
label var vita "Child given vitamin A rich food"

//Given other fruits and vegetables
gen othr_frtveg= v414l==1
label values othr_frtveg yesno
label var othr_frtveg "Child given other fruits or vegetables"

//Given roots and tubers
gen root_tubers= v414f==1
label values root_tubers yesno
label var root_tubers "Child given roots or tubers"

//Given legumes or nuts
gen legumes_nuts= v414o==1
label values legumes_nuts yesno
label var legumes_nuts "Child given legumes or nuts"

//Given meat, fish, shellfish, or poultry
gen meatfish= v414h==1 | v414m==1 | v414n==1
label values meatfish yesno
label var meatfish "Child given meat, fish, shellfish, or poultry"

//Given eggs
gen eggs= v414g==1
label values eggs yesno
label var eggs "Child given eggs"

//Given dairy
gen dairy= v414p==1
label values dairy yesno
label var dairy "Child given cheese, yogurt, or other milk products"

//Given oil,fat & butter
gen fats= v414q==1
label values dairy yesno
label var dairy "Child given cheese, yogurt, or other milk products"

//Given other solid or semi-solid foods
gen solids=  grains==1 | vita==1 | othr_frtveg==1 | root_tubers==1 | legumes_nuts==1 |
meatfish==1 | eggs==1 | dairy==1 | fats==1 | v414s==1
label values solids yesno
```

label var solids "Child given any solid or semisolid food"

//Min dietary diversity

1. foods made from grains, roots, tubers, and bananas/plantains, including porridge and fortified baby food from grains
 gen group1= grains==1 | root_tubers==1

*2. legumes and nuts
 gen group2= legumes_nuts==1

*3. infant formula, milk other than breast milk, cheese or yogurt or other milk products
 gen group3= inf_formula==1 | othr_milk==1 | dairy==1

*4. meat, poultry, fish, and shellfish (and organ meats)
 gen group4= meatfish==1

*5. eggs
 gen group5= eggs==1

*6. vitamin A-rich fruits and vegetables
 gen group6= vita==1

*7. other fruits and vegetables
 gen group7= othr_frtveg==1

*8 oil,fats and butter
    gen group8= fats==1

Among breastfed

3+ food groups for breastfed children

egen foodsum = rsum(group1 group2 group3 group4 group5 group6 group7 group8)
recode foodsum (1/2 .=0 "No") (3/8=1 "Yes"), gen(mdd3)
replace mdd3=. if age<6
label values mdd3 yesno
label var mdd3 "Child with minimum dietary diversity, 3 out of 8 food groups- last-born 6-23 months"

//Min meal frequency
Minimum times or more (at least twice a day for breastfed infants 6-8 months and at least three times a day for breastfed children 9-23 months)

gen feedings=milkf
replace feedings= feedings + m39 if m39>0 & m39<8

```
gen mmf = (m4==95 & inrange(m39,2,7) & inrange(age,6,8)) | (m4==95 & inrange(m39,3,7) &
inrange(age,9,23)) | (m4!=95 & feedings>=4 & inrange(age,6,23))
replace mmf=. if age<6
label values mmf yesno
label var mmf "Child with minimum meal frequency- last-born 6-23 months"

//Min acceptable diet
Both 3+ food groups and minimum times or more
gen mad = (m4==95 & mdd3==1 & mmf==1)
replace mad=. if age<6
label values mad yesno
label var mad "Child with minimum acceptable diet- last-born 6-23 months"




********** Among non breastfeeding********


//Fed milk or milk products
Among non-breastfed children age 6-23 months, percentage fed:
gen milkf = 0
replace milkf=milkf + v411 if v411==1
replace milkf=milkf + v411a if v411a==1
replace milkf=milkf + v414p if v414p==1
gen fed_milk= ( milkf>=2 | m4==95) if inrange(age,6,23)
label values fed_milk yesno
label var fed_milk "Child given milk or milk products"



**** Among all children*******

3+ or 4+ food groups
gen bf_group3=0
replace bf_group3=1 if mdd3==1 & bf_curr==1
gen nonbf_group4=0
replace nonbf_group4=1 if mdd4==1 & bf_curr==0
gen all_group3_4=0
replace all_group3_4=1 if bf_group3==1 | nonbf_group4==1
replace all_group3_4=. if age<6
label variable all_group3_4 "Among all children 6-23 months fed 3+ or 4+ food groups"
```