

---

Subject: Re: Calculated rates of exclusive breastfeeding not matching rates in reports

Posted by [Bridgette-DHS](#) on Fri, 26 Oct 2018 14:04:35 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Following is a response from DHS Technical Specialist, Rukundo Benedict:

The variables you listed for the liquids and solids look correct. I suspect your issue may be with selecting the sample. The code below will ensure you select the correct sample and the results will match the report. I would encourage you to also review the new DHS-7 guide to statistics, particularly if you are comparing breastfeeding changes over time.

\*\*\*SELECTING SAMPLE\*\*\*

\*Generate weight variable\*\*

gen wgt=v005/1000000

\*Generate age, keep those <2 years

gen age = v008-b3

\*keep only those children alive

ta b5

keep if b5==1

\*Generate age groups

recode age (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"), gen (age\_months)

\*\*If drank from bottle with nipple (bottlefeeding)

gen bottle=0

replace bottle=1 if m38==1

ta age\_month bottle [iw=wgt], row

\*Important Note: for the other indicators, children must be the youngest child and living with mother

\*keep only those living with mother

keep if b9==0

\* finding the youngest child living with the mother

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

\* keep only children less than 2 years

keep if age<24

ta bidx minbidx

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

drop if bidx>minbidx

ta age\_month [iw=wgt]

\*\*\*FOR CD\*\*\*

gen water=0

gen liquids=0

gen milk=0

gen solids=0

gen breast=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 v410a v413* {
replace liquids=1 if `xvar'>=1 & `xvar'<=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 currently breastfeeding
replace breast=1 if m4==95
*If given any solid
foreach xvar of varlist v414* {
replace solids=1 if `xvar'>=1 & `xvar'<=7
}
replace solids=1 if v412a==1 | v412b==1
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 "+Solids"
label val feeding feeding
ta age_month feeding [iw=wgt], row

****FOR MZ & RW****
gen water=0
gen liquids=0
gen milk=0
gen solids=0
gen breast=0

*To determine if child is given water, sugar water, juice, tea or other
replace water=1 if (m37a>=1 & m37a<=7)

* If given other liquids
foreach xvar of varlist m37b m37c m37d m37e m37i m37j m37l{
replace liquids=1 if `xvar'>=1 & `xvar'<=7
}

* If given powder/tinned milk, formula or fresh milk
foreach xvar of varlist m37f m37g m37h {
replace milk=1 if `xvar'>=1 & `xvar'<=7
}

```

\*If currently breastfeeding  
replace breast=1 if m4==95

\*If given any solid  
foreach xvar of varlist m37m m37n m37o m37p m37q m37r m37s m37t m37u m37v m37w m37x  
m37y{  
replace solids=1 if `xvar'>=1 & `xvar'<=7  
}

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 "+Solids"  
label val feeding feeding  
ta age\_month feeding [iw=wgt], row

---