
Subject: Discrepancy with estimates from Tables 11.1 and 11.2 in Niger 2012 DHS
Posted by [dgodha](#) on Wed, 20 Jan 2021 12:20:46 GMT

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

Dear DHS Experts,

I am estimating early initiation of breastfeeding (BF), exclusive BF, and BF associated with water for Niger using the following commands but my estimates do not match those in Tables 11.1 and 11.2 of Niger 2012 DHS report.

*Use Niger 2012\NIKR61FL.DTA

*Child's age

*tab b19 /*Not found*/

gen age= v008-b3

tab age

*Child age-group

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") (else=.), gen(child_age_grp)

tab child_age_grp

/*Early initiation of BF*/

*Children born in the last 24 months who were put to the breast within one hour of birth

gen early_init=0 if age<24

replace early_init=1 if m34<101 & age<24

la val early_init A

label var early_init "Early initiation of BF"

tab v013 early_init

*Exclusive breast feeding

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* m39a{
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
```

```
label define diet 0"given only milk" 1"given only water" 2"given only liquids" 3"given only milks" ///
4"given only solids" 5"given only milk and solids" 6"not still breastfeeding" ///
7"not now being breastfed"
```

```
label var diet "Breastfeeding status1"
```

```
label val diet diet
```

```
recode diet (6/7=0 "Not breastfed")(0=1 "Exclusively breastfed")(1=2 "Breastfeeding and water
only") (2=3 "Breastfed and liquids, no milks")(3=4 "Breastfed and other milks")(4/5=5 "Breastfed
and food complement"), gen(BF)
```

My estimates are as follows:

*Check with Table 11.1 (Page 161)

```
svy:tab early_init ,col percent
```

```
*Population size = 5,335.4724; 51.03%
```

```
svy:tab early_init if b9==0,col percent
```

```
*Population size = 5,047.2482; 52.4%
```

DHS Report: Population size = 5,079; 52.9%

*Check with Table 11.2 (Page 163)

```
svy:tab child_age_grp BF if b9==0, row percent nolab
```

For 0-1 month

Non allaités 2.7 (DHS estimate) 4.2 (My estimate)

Exclusivement allaités 34 (DHS estimate) 33.5 (My estimate)

Allaités et eau seulement 52.5 (DHS estimate) 51.7 (My estimate)

For 2-3 months

Non allaités 1.3 (DHS estimate) 2.9 (My estimate)

Exclusivement allaités 24 (DHS estimate) 23.6 (My estimate)

Allaités et eau seulement 61.4 (DHS estimate) 60.4 (My estimate)

For 4-5 months

Non allaités 1.6 (DHS estimate) 2.3 (My estimate)

Exclusivement allaités 13.3 (DHS estimate) 13.2 (My estimate)

Allaités et eau seulement 52.1 (DHS estimate) 51.8 (My estimate)

Though not shown here, the count is an exact match. I will request your guidance in resolving this.

Many thanks

Deepali
