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Subject: Re: Minimum Meal frequency in BDHS 2014

Posted by [Louis](#) on Thu, 01 Mar 2018 16:15:28 GMT

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actually this is the little i have been able to do.

```
clonevar age= v222
```

```
codebook b9_01
```

```
keep if age<24
```

```
keep if b9_01==0
```

```
tab b9_01
```

```
drop if _n > 0 & caseid == caseid[_n-1]
```

```
drop if age <6
```

```
tab m4_1
```

```
codebook m4_1
```

```
*Weighting
```

```
gen v005_wgt= v005/1000000
```

```
*Age group recoding
```

```
*NB; clonevar age already deifned @ 26
```

```
recode age (6/8=1 "6-8")(9/11=2 "9-11") (12/17=3 "12-17") (18/23=4 "18-23"), gen (age_g)
```

```
*recode of m4_1 as number of breastfed and number of nonbreastfed children 6-23months
```

```
recode m4_1 (93/94=0 "Number of non-breastfed children 6-23 months") (95=1 "Number of breastfed children 6-23 months"), gen (still_feeding)
```

```
replace still_feeding=0 if still_feeding==.
```

```
*****MINIMUM DIETARY DIVERSITY MMD*****
```

```
*** MDD 7 food groups**
```

```
capture drop grpa
```

```
gen grpa=1 if v411a==1| v411==1|v414p==1|v414v==1
```

```
label value grpa grpa
```

```
tab grpa
```

```
capture drop grpb
```

```
gen grpb=1 if v414e==1| v414f==1| v412a==1
```

```
label value grpb grpb
```

```
tab grpb
```

```
capture drop grpc
```

```
gen grpc=1 if v414k==1| v414i==1| v414j==1
```

```
label value grpc grpc
```

```
tab grpc
```

```
capture drop grpd
```

```
gen grpd=1 if v414l==1
```

```
label value grpd grpd
```

```
tab grpd
```

```
capture drop grpe
```

```
gen grpe=1 if v414g==1
```

```

label value grpe grpe
tab grpe
capture drop grpf
gen grpf=1 if v414h==1| v414m==1|v414n==1
label value grpf grpf
tab grpf
capture drop grpg
gen grpg=1 if v414o==1
label value grpg grpg
tab grpg
** 7 Food groups***
egen dietd = rsum(grpa grpb grpc grpd grpe grpf grpg) if grpa~=.| grpb~=.| grpc~=.| grpd~=.|
grpe~=.| grpf~=.| grpg~=.
** 4+ Foods FOR ALL CHILDREN***
recode dietd (1/3 .=0 "Not diverse") (4/7=1 "Diverse"), gen(diet4)
ta diet4 [iw=v005/1000000]
label value diet4 diet4
label var diet4 " Minimum dietary diversity"
tab diet4

**MDD for breastfed children**
gen mdd1=.
replace mdd1=1 if diet4==1 & still_feeding==1
replace mdd1=0 if diet4==0 & still_feeding==1
label define mdd1 0"Not Diverse" 1"Diverse"
label values mdd1 mdd1
label var mdd1 " Minimum dietary diversity for Breastfed children"
tab mdd1
***MDD for nonbreastfed children***
gen mdd0=.
replace mdd0=1 if diet4==1 & still_feeding==0
replace mdd0=0 if diet4==0 & still_feeding==0
label define mdd0 0"Not Diverse" 1"Diverse"
label values mdd0 mdd0
label var mdd0 " Minimum dietary diversity for nonbreastfed children"
tab mdd0

tab age_g diet4 [iw=v005/1000000], r
tab age_g mdd1 [iw=v005/1000000], r
tab age_g mdd0 [iw=v005/1000000], r

***** MINIMUM MEAL FREQUENCY MMF *****
*Minimum meal freq for group1*
capture drop mm1
gen byte mm1=.
replace mm1=1 if m39_1>=2 & still_feeding==1
replace mm1= 0 if m39_1<2 & still_feeding==1

```

```

tab mm1
label define mm1 0 "Not Freq" 1 "Freq"
label values mm1 mm1
tab mm1
*Minimum meal freq for breastfed children aged 6-8months*
gen byte mmf1=.
replace mmf1=1 if mm1==1 & age_g==1
replace mmf1=0 if mm1==0 & age_g==1
label define mmf1 0 "Not Freq" 1 "Freq"
label values mmf1 mmf1
tab mmf1
tab age_g mmf1,r
*Minimum meal freq for group2*
capture drop mm2
gen byte mm2=.
replace mm2=1 if m39_1>=3 & still_feeding==1
replace mm2=0 if m39_1<3 & still_feeding==1
label define mm2 0 "Not Freq" 1 "Freq"
label values mm2 mm2
tab mm2
*Minimum meal freq for breastfed children aged 9-11months*
capture drop mmf2
gen byte mmf2=.
replace mmf2=1 if mm2==1 & age_g==2
replace mmf2=0 if mm2==0 & age_g==2
label define mmf2 0 "Not Freq" 1 "Freq"
label values mmf2 mmf2
tab mmf2
tab age_g mmf2,r
*Minimum meal freq for breastfed children aged 12-17months*
capture drop mmf3
gen byte mmf3=.
replace mmf3=1 if mm2==1 & age_g==3
replace mmf3=0 if mm2==0 & age_g==3
label define mmf3 0 "Not Freq" 1 "Freq"
label values mmf3 mmf3
tab mmf3
tab age_g mmf3,r
*Minimum meal freq for breastfed children aged 18-23months*
capture drop mmf4
gen byte mmf4=.
replace mmf4=1 if mm2==1 & age_g==4
replace mmf4=0 if mm2==0 & age_g==4
label define mmf4 0 "Not Freq" 1 "Freq"
label values mmf4 mmf4
tab mmf4
tab age_g mmf4,r
**Minimum meal freq for breastfed children aged 6-23months combined*

```

```
capture drop mmfb
egen byte mmfb= rowtotal (mmf1 mmf2 mmf3 mmf4), missing
label define mmfb 0 "Not Freq" 1 "Freq"
label values mmfb mmfb
tab mmfb
tab age_g mmfb,r
tab age_g mmfb [iweight=v005_wgt], r
```

\*\*\*MMF FOR NON-BREASTFED CHILDREN\*\*\*

\*\* GENERATING MILK OR MILK PRODUCTS\*\*

```
tab1 v411 v411a v414v, m
capture drop milk
gen byte milk= v411+ v411a +v414v
label var milk "Milk or milk products"
tab milk
```

\*\* Non breastfed MMF proper\*\*

```
egen sm= rowtotal (m39_1 milk), missing
tab sm
capture drop mmfn
gen byte mmfn=.
replace mmfn=1 if sm>=4 & still_feeding==0
replace mmfn=0 if sm<4 & still_feeding==0
label define mmfn 0 "Not Freq" 1 "Freq"
label values mmfn mmfn
tab mmfn
tab age_g mmfn [iweight=v005_wgt], r
label var mmfn " Minimum meal frequency for non-breastfed children 6-23 months"
```

\*\*Total minimum meal frequency for all children 6-23 months\*\*

```
egen MMF= rowtotal (mmfb mmfn), missing
label var MMF " Minimum meal frequency for all children 6-23 months"
label values MMF MMF
label define MMF 0" Not Freq" 1" Freq"
tab MMF
tab age_g MMF [iweight=v005_wgt], r
```

my problem now is how to generate the breast milk, milk or milk products to match the values in the report.

Sincerely,  
Louis

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