
Subject: Re: MDD and Sample size mismatch

Posted by [Shireen-DHS](#) on Thu, 10 Jun 2021 17:38:32 GMT

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Hello Hassen,

I was able to match the final report using the GitHub code. I think perhaps you didn't check the main file first (!NTmain.do). There are certain variables there you need to select the correct children. This was explained in the main do file. Mainly, before running the NT_IYCF.do file you need to run the following code (lines 62 to 101 in the main file) to select the correct children:

```
**** child's age ****
```

```
gen age = v008 - b3
```

```
* to check if survey has b19, which should be used instead to compute age.
```

```
scalar b19_included=1
```

```
capture confirm numeric variable b19, exact
```

```
if _rc>0 {
```

```
  * b19 is not present
```

```
  scalar b19_included=0
```

```
}
```

```
if _rc==0 {
```

```
  * b19 is present; check for values
```

```
  summarize b19
```

```
    if r(sd)==0 | r(sd)==. {
```

```
      scalar b19_included=0
```

```
    }
```

```
}
```

```
if b19_included==1 {
```

```
  drop age
```

```
  gen age=b19
```

```
}
```

```
* Note: The following do files select for the youngest child under 2 years living with the mother.  
Therefore some cases will be dropped.
```

```
* Selecting for youngest child under 24 months and living with mother
```

```
keep if age < 24 & b9 == 0
```

```
* if caseid is the same as the prior case, then not the last born
```

```
keep if _n == 1 | caseid != caseid[_n-1]
```

Following this you can run the following to get the correct estimates for minimum dietary diversity as shown in Table 9.7:

```
gen wt=v005/1000000
```

```
*Among breastfeeding children
```

```
tab nt_mdd if nt_bf_curr==1 [iw=wt]
```

```
*gives 14.4 and 1246 children as in the report
```

*Among non-breastfeeding children
tab nt_mdd if nt_bf_curr==0 [iw=wt]
*gives 8% and 217 children as in the report

*Among all children
tab nt_mdd [iw=wt]
*gives 13.5 and 1463 children as in the report

Thank you.
Best,

Shireen Assaf
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