\*create log file

capture log close

set more off

clear

log using "/Users/audrie/Desktop/stata/WBB-EED-analysis/log/bangladesh-dm-ee-ffq.log", text replace

\*------------------------------------------------

\* 5-bangladesh-dm-ffq.do

\*

\* Audrie Lin (audrielin@berkeley.edu)

\*

\* Description:

\*

\* calculate rates of exclusive breastfeeding (exclusively breastfed yesterday & no to other foods or drinks or liquids consumed within 24 hour period)

\* calculate rates of complementary feeding if the child had any non-breastmilk liquid or solids on the previous day (24 hour period)

\* Use 24-hour definition of exclusive breastfeeding

\* Denominator is number of women who answered the FFQ

\*

\*

\* version 1 (2018-07-20) created

\*

\*-----------------------------------------------

\*-----------------------------------------------

\*

\* input files:

\*

\* FFQ Form data file:

\*

\* "~/Desktop/stata/WBB-EED-analysis/data/untouched/Baseline/EE\_Baseline\_FFQ\_Raw\_data\_13Sep2017.dta (raw)

\*

\* output files:

\* None - % exclusive breastfeeding calculated for manuscript

\*

\*------------------------------------------------

\*------------------------------------------------

global indir "~/Desktop/stata/WBB-EED-analysis/data/untouched/"

global tempdir "~/Desktop/stata/WBB-EED-analysis/data/temp/"

global outdir "~/Desktop/stata/WBB-EED-analysis/data/final"

global output "~/Desktop/stata/WBB-EED-analysis/analysis/tables/rawoutput"

global pgm "5-bangladesh-dm-ffq.do"

cd $tempdir

clear

set more off

use "~/Desktop/stata/WBB-EED-analysis/data/untouched/Baseline/EE\_Baseline\_FFQ\_Raw\_data\_13Sep2017.dta"

rename childId childno

egen childid = concat(dataid childno)

order childid

save "~/Desktop/stata/WBB-EED-analysis/data/temp/EE\_Baseline\_FFQ\_Raw\_data\_13Sep2017.dta", replace

clear

\*check Raw FFQ IDs against the main EE dataset to ensure that the IDs all match kids that are actually in the dataset

use "~/Dropbox/WBB-EE-analysis/Data/Cleaned/Audrie/washb-bangladesh-anthro-diar-ee-med-blind-tr-stool-urine-age-lab.dta"

merge 1:1 childid using "~/Desktop/stata/WBB-EED-analysis/data/temp/EE\_Baseline\_FFQ\_Raw\_data\_13Sep2017.dta"

\*total EBF for raw dataset

count if c607>0 & c607a==5 & c608\_1\_3==2 & c608\_2\_3==2 & c608\_3\_3==2 & c608\_4\_3==2 & c608\_5\_3==2 & c608\_6\_3==2 & c608\_7\_3==2 & c608\_8\_3==2 & c608\_9\_3==2 & c608\_10\_3==2 & c608\_11\_3==2 & c608\_12\_3==2 & c609\_1\_1==2 & c609\_2\_1==2 & c609\_2\_2==2 & c609\_2\_3==2 & c609\_2\_4==2 & c609\_2\_5==2 & c609\_3\_1==2 & c609\_3\_2==2 & c609\_3\_3==2 & c609\_4\_1==2 & c609\_4\_2==2 & c609\_5\_1==2 & c609\_5\_2==2 & c609\_5\_3==2 & c609\_5\_4==2 & c609\_5\_5==2 & c609\_6\_1==2 & c609\_6\_2==2 & c609\_7\_1==2 & c609\_7\_2==2 & c609\_7\_3==2 & c609\_7\_4==2 & c609\_7\_5==2 & c609\_7\_6==2 & c609\_7\_7==2 & c609\_8\_1==2 & c609\_8\_2==2 & c609\_8\_3==2 & c609\_8\_4==2 & c609\_8\_5==2 & c609\_8\_6==2 & c609\_9\_1==2 & c609\_9\_2==2 & c609\_9\_3==2 & c609\_10\_1==2 & c609\_11\_1==2 & c609\_12\_1==2 & c609\_12\_2==2 & c609\_12\_3==2 & c609\_13\_1==2 & c609\_13\_2==2 & c609\_13\_3==2 & c609\_13\_4==2 & c609\_13\_5==2 & c609\_13\_6==2 & c609\_13\_7==2 & c609\_14\_1==2 & c609\_14\_2==2 & c609\_14\_3==2 & c609\_15\_1==2 & c609\_15\_2==2 & c609\_15\_3==2 & c609\_16\_1==2 & c609\_16\_2==2 & c609\_16\_3==2 & c609\_16\_4==2 & c609\_16\_5==2 & c609\_17\_1==2 & c609\_17\_2==2 & c609\_17\_3==2 & c609\_17\_4==2 & c609\_18\_1==2 & c609\_18\_2==2

\*calculate ffq if have urine or stool outcome (n=1090)

drop if t1\_aat==. & t1\_mpo==. & t1\_neo==. & Lact1==. & Mann1==.

\*c605 = Is the baby still breastfeeding, or is he/she completely weaned?

\*count if completely weaned (n=11)

\*count if c605==2

\*list childid c605 c606months c606days c607 if c605==2

\*count if c605 is missing, no ffq data collected

\*count if c605==.

\*list childid c605 c606months c606days c607 if c605==.

\*drop those with no ffq breastfeeding data collected

drop if c605==. & c607==.

\*c608\_#\_2 and c608\_#\_3 are flipped.

\*c608\_#\_2 = How many times

\*c608\_#\_3 = Yes/No

\*Example: c608\_1\_1 = Water

\* c608\_1\_3 = Yes/No

\* c608\_1\_2 = How many times eaten/drank?

\*

\*Example: c608\_2\_1 = Sugar Water

\* c608\_2\_3 = Yes/No

\* c608\_2\_2 = How many times eaten/drank?

\*count if say "no" to c608 series of questions

\*count if say "no" to c609 series of questions

\*manually checked c609\_19\_1, whenever there was an non-no entry, scrolled through and checked if yes to any c608 or c609 series questions. All c609\_19\_1 other food entries had a yes to another c608 or c609 series question. Can't include c619\_1\_1 because it's not numeric.

count if c607>0 & c607a==5 & tr==1 & c608\_1\_3==2 & c608\_2\_3==2 & c608\_3\_3==2 & c608\_4\_3==2 & c608\_5\_3==2 & c608\_6\_3==2 & c608\_7\_3==2 & c608\_8\_3==2 & c608\_9\_3==2 & c608\_10\_3==2 & c608\_11\_3==2 & c608\_12\_3==2 & c609\_1\_1==2 & c609\_2\_1==2 & c609\_2\_2==2 & c609\_2\_3==2 & c609\_2\_4==2 & c609\_2\_5==2 & c609\_3\_1==2 & c609\_3\_2==2 & c609\_3\_3==2 & c609\_4\_1==2 & c609\_4\_2==2 & c609\_5\_1==2 & c609\_5\_2==2 & c609\_5\_3==2 & c609\_5\_4==2 & c609\_5\_5==2 & c609\_6\_1==2 & c609\_6\_2==2 & c609\_7\_1==2 & c609\_7\_2==2 & c609\_7\_3==2 & c609\_7\_4==2 & c609\_7\_5==2 & c609\_7\_6==2 & c609\_7\_7==2 & c609\_8\_1==2 & c609\_8\_2==2 & c609\_8\_3==2 & c609\_8\_4==2 & c609\_8\_5==2 & c609\_8\_6==2 & c609\_9\_1==2 & c609\_9\_2==2 & c609\_9\_3==2 & c609\_10\_1==2 & c609\_11\_1==2 & c609\_12\_1==2 & c609\_12\_2==2 & c609\_12\_3==2 & c609\_13\_1==2 & c609\_13\_2==2 & c609\_13\_3==2 & c609\_13\_4==2 & c609\_13\_5==2 & c609\_13\_6==2 & c609\_13\_7==2 & c609\_14\_1==2 & c609\_14\_2==2 & c609\_14\_3==2 & c609\_15\_1==2 & c609\_15\_2==2 & c609\_15\_3==2 & c609\_16\_1==2 & c609\_16\_2==2 & c609\_16\_3==2 & c609\_16\_4==2 & c609\_16\_5==2 & c609\_17\_1==2 & c609\_17\_2==2 & c609\_17\_3==2 & c609\_17\_4==2 & c609\_18\_1==2 & c609\_18\_2==2

count if c607>0 & c607a==5 & tr==5 & c608\_1\_3==2 & c608\_2\_3==2 & c608\_3\_3==2 & c608\_4\_3==2 & c608\_5\_3==2 & c608\_6\_3==2 & c608\_7\_3==2 & c608\_8\_3==2 & c608\_9\_3==2 & c608\_10\_3==2 & c608\_11\_3==2 & c608\_12\_3==2 & c609\_1\_1==2 & c609\_2\_1==2 & c609\_2\_2==2 & c609\_2\_3==2 & c609\_2\_4==2 & c609\_2\_5==2 & c609\_3\_1==2 & c609\_3\_2==2 & c609\_3\_3==2 & c609\_4\_1==2 & c609\_4\_2==2 & c609\_5\_1==2 & c609\_5\_2==2 & c609\_5\_3==2 & c609\_5\_4==2 & c609\_5\_5==2 & c609\_6\_1==2 & c609\_6\_2==2 & c609\_7\_1==2 & c609\_7\_2==2 & c609\_7\_3==2 & c609\_7\_4==2 & c609\_7\_5==2 & c609\_7\_6==2 & c609\_7\_7==2 & c609\_8\_1==2 & c609\_8\_2==2 & c609\_8\_3==2 & c609\_8\_4==2 & c609\_8\_5==2 & c609\_8\_6==2 & c609\_9\_1==2 & c609\_9\_2==2 & c609\_9\_3==2 & c609\_10\_1==2 & c609\_11\_1==2 & c609\_12\_1==2 & c609\_12\_2==2 & c609\_12\_3==2 & c609\_13\_1==2 & c609\_13\_2==2 & c609\_13\_3==2 & c609\_13\_4==2 & c609\_13\_5==2 & c609\_13\_6==2 & c609\_13\_7==2 & c609\_14\_1==2 & c609\_14\_2==2 & c609\_14\_3==2 & c609\_15\_1==2 & c609\_15\_2==2 & c609\_15\_3==2 & c609\_16\_1==2 & c609\_16\_2==2 & c609\_16\_3==2 & c609\_16\_4==2 & c609\_16\_5==2 & c609\_17\_1==2 & c609\_17\_2==2 & c609\_17\_3==2 & c609\_17\_4==2 & c609\_18\_1==2 & c609\_18\_2==2

count if c607>0 & c607a==5 & tr==6 & c608\_1\_3==2 & c608\_2\_3==2 & c608\_3\_3==2 & c608\_4\_3==2 & c608\_5\_3==2 & c608\_6\_3==2 & c608\_7\_3==2 & c608\_8\_3==2 & c608\_9\_3==2 & c608\_10\_3==2 & c608\_11\_3==2 & c608\_12\_3==2 & c609\_1\_1==2 & c609\_2\_1==2 & c609\_2\_2==2 & c609\_2\_3==2 & c609\_2\_4==2 & c609\_2\_5==2 & c609\_3\_1==2 & c609\_3\_2==2 & c609\_3\_3==2 & c609\_4\_1==2 & c609\_4\_2==2 & c609\_5\_1==2 & c609\_5\_2==2 & c609\_5\_3==2 & c609\_5\_4==2 & c609\_5\_5==2 & c609\_6\_1==2 & c609\_6\_2==2 & c609\_7\_1==2 & c609\_7\_2==2 & c609\_7\_3==2 & c609\_7\_4==2 & c609\_7\_5==2 & c609\_7\_6==2 & c609\_7\_7==2 & c609\_8\_1==2 & c609\_8\_2==2 & c609\_8\_3==2 & c609\_8\_4==2 & c609\_8\_5==2 & c609\_8\_6==2 & c609\_9\_1==2 & c609\_9\_2==2 & c609\_9\_3==2 & c609\_10\_1==2 & c609\_11\_1==2 & c609\_12\_1==2 & c609\_12\_2==2 & c609\_12\_3==2 & c609\_13\_1==2 & c609\_13\_2==2 & c609\_13\_3==2 & c609\_13\_4==2 & c609\_13\_5==2 & c609\_13\_6==2 & c609\_13\_7==2 & c609\_14\_1==2 & c609\_14\_2==2 & c609\_14\_3==2 & c609\_15\_1==2 & c609\_15\_2==2 & c609\_15\_3==2 & c609\_16\_1==2 & c609\_16\_2==2 & c609\_16\_3==2 & c609\_16\_4==2 & c609\_16\_5==2 & c609\_17\_1==2 & c609\_17\_2==2 & c609\_17\_3==2 & c609\_17\_4==2 & c609\_18\_1==2 & c609\_18\_2==2

count if c607>0 & c607a==5 & tr==7 & c608\_1\_3==2 & c608\_2\_3==2 & c608\_3\_3==2 & c608\_4\_3==2 & c608\_5\_3==2 & c608\_6\_3==2 & c608\_7\_3==2 & c608\_8\_3==2 & c608\_9\_3==2 & c608\_10\_3==2 & c608\_11\_3==2 & c608\_12\_3==2 & c609\_1\_1==2 & c609\_2\_1==2 & c609\_2\_2==2 & c609\_2\_3==2 & c609\_2\_4==2 & c609\_2\_5==2 & c609\_3\_1==2 & c609\_3\_2==2 & c609\_3\_3==2 & c609\_4\_1==2 & c609\_4\_2==2 & c609\_5\_1==2 & c609\_5\_2==2 & c609\_5\_3==2 & c609\_5\_4==2 & c609\_5\_5==2 & c609\_6\_1==2 & c609\_6\_2==2 & c609\_7\_1==2 & c609\_7\_2==2 & c609\_7\_3==2 & c609\_7\_4==2 & c609\_7\_5==2 & c609\_7\_6==2 & c609\_7\_7==2 & c609\_8\_1==2 & c609\_8\_2==2 & c609\_8\_3==2 & c609\_8\_4==2 & c609\_8\_5==2 & c609\_8\_6==2 & c609\_9\_1==2 & c609\_9\_2==2 & c609\_9\_3==2 & c609\_10\_1==2 & c609\_11\_1==2 & c609\_12\_1==2 & c609\_12\_2==2 & c609\_12\_3==2 & c609\_13\_1==2 & c609\_13\_2==2 & c609\_13\_3==2 & c609\_13\_4==2 & c609\_13\_5==2 & c609\_13\_6==2 & c609\_13\_7==2 & c609\_14\_1==2 & c609\_14\_2==2 & c609\_14\_3==2 & c609\_15\_1==2 & c609\_15\_2==2 & c609\_15\_3==2 & c609\_16\_1==2 & c609\_16\_2==2 & c609\_16\_3==2 & c609\_16\_4==2 & c609\_16\_5==2 & c609\_17\_1==2 & c609\_17\_2==2 & c609\_17\_3==2 & c609\_17\_4==2 & c609\_18\_1==2 & c609\_18\_2==2

gen EBF = c607>0 & c607a==5 & c608\_1\_3==2 & c608\_2\_3==2 & c608\_3\_3==2 & c608\_4\_3==2 & c608\_5\_3==2 & c608\_6\_3==2 & c608\_7\_3==2 & c608\_8\_3==2 & c608\_9\_3==2 & c608\_10\_3==2 & c608\_11\_3==2 & c608\_12\_3==2 & c609\_1\_1==2 & c609\_2\_1==2 & c609\_2\_2==2 & c609\_2\_3==2 & c609\_2\_4==2 & c609\_2\_5==2 & c609\_3\_1==2 & c609\_3\_2==2 & c609\_3\_3==2 & c609\_4\_1==2 & c609\_4\_2==2 & c609\_5\_1==2 & c609\_5\_2==2 & c609\_5\_3==2 & c609\_5\_4==2 & c609\_5\_5==2 & c609\_6\_1==2 & c609\_6\_2==2 & c609\_7\_1==2 & c609\_7\_2==2 & c609\_7\_3==2 & c609\_7\_4==2 & c609\_7\_5==2 & c609\_7\_6==2 & c609\_7\_7==2 & c609\_8\_1==2 & c609\_8\_2==2 & c609\_8\_3==2 & c609\_8\_4==2 & c609\_8\_5==2 & c609\_8\_6==2 & c609\_9\_1==2 & c609\_9\_2==2 & c609\_9\_3==2 & c609\_10\_1==2 & c609\_11\_1==2 & c609\_12\_1==2 & c609\_12\_2==2 & c609\_12\_3==2 & c609\_13\_1==2 & c609\_13\_2==2 & c609\_13\_3==2 & c609\_13\_4==2 & c609\_13\_5==2 & c609\_13\_6==2 & c609\_13\_7==2 & c609\_14\_1==2 & c609\_14\_2==2 & c609\_14\_3==2 & c609\_15\_1==2 & c609\_15\_2==2 & c609\_15\_3==2 & c609\_16\_1==2 & c609\_16\_2==2 & c609\_16\_3==2 & c609\_16\_4==2 & c609\_16\_5==2 & c609\_17\_1==2 & c609\_17\_2==2 & c609\_17\_3==2 & c609\_17\_4==2 & c609\_18\_1==2 & c609\_18\_2==2

tab EBF

count if tr==1

count if tr==5

count if tr==6

count if tr==7

save "/Users/audrie/Dropbox/WBB-EE-analysis/Data/Cleaned/Audrie/FFQ.dta", replace

outsheet using "/Users/audrie/Dropbox/WBB-EE-analysis/Data/Cleaned/Audrie/Aud\_FFQ.csv", comma replace

\*end analysis.

\*rates above used in EED manuscript.