Subject: Re: DHS Cameroon
Posted by Muhibbi on Mon, 08 Aug 2022 08:45:31 GMT
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Hello,
In this code :

```
//Go to the IR file and reshape the mm variables.
program define setup_adult_mm_vars

 //Setup local path and data file name
 local lpath=spath
 local lfn_IR=sfn_IR
 use "`lpath'\\`lfn_IR'", clear

 //Make a file of sisters
 keep v000 v001 v002 v003 v005 v008 v010 v013 v021-v025 mm* awfact*

 //This file includes all women, including women with no siblings, and is needed later
 sort v001 v002 v003
 save IR_all_women.dta, replace

 gen clusterid=v021

-> //check for v023 for stratum id
 if sv023_NA==0 {
 rename v023 stratumid
 }

 if sv023_NA==1 {
 egen stratumid=group(v024 v025)
 }

 //Need to check for mm16; if an older survey, must give it a value
 scalar smissing_mm16=0
 capture confirm numeric variable mm16_01, exact
 if _rc>0 {
   scalar smissing_mm16=1
   local li=1
   while `li'<=20 {
   gen mm16_`li'=.
   local li=`li'+1
   }
 }

 ren *_0* *_*
 drop mmc* mmidx* mm5* mm10* mm11* mm12* mm13* mm14* mm15*
```

```
//reshape data file
quietly reshape long mm1_ mm2_ mm3_ mm4_ mm6_ mm7_ mm8_ mm9_ mm16_, i(v001 v002
v003) j(mmidx)
rename mm*_ mm*

//Drop any cases with sex missing, i.e. mm1>2
drop if mm1>2

 /*------------------------------------------------------------ ----------------
NOTE:
Important for redefinition of Pregnancy Related Mortality Ratio (PRMR)
in surveys from 2016 onwards

If mm9=2, and mm16=1 or 2, recode mm9 to 1
replace mm9=1 if mm9==2 & (mm16==1 | mm16==2)

For earlier surveys that do not include mm16, it is only possible to
calculate PRMR; what was previously called maternal mortality (MM) is now called
pregancy related mortality (PRM)

See https://blog.dhsprogram.com/mmr-prmr/ for more information on these indicators.
 ------------------------------------------------------------ --------------*/

//This file has one record for each sibling. It is needed for the tables on completeness of
information.
save workfile.dta, replace


//Crucial: drop cases in which survival status is don't know (dk) AFTER saving workfile
drop if mm2>1

//specify the lower and upper cmcs of the interval of observation, start_month and end_month,

 /*------------------------------------------------------------ ----------------
NOTE:
This uses scalars lw and uw that were set earlier; usually lw=-6 and uw=0,
but not always!
 ------------------------------------------------------------ --------------*/

//execute program to create start and end month for window of time
-> start_month_end_month

rename mm1 sex

//Tabulate the timing--during pregnancy, at childbirth, afterwards

 //tabulate mm9 for all maternal deaths, unweighted
 tab mm9
```

```
//tabulate mm9 for all maternal deaths, weighted
tab mm9 [iweight=v005/1000000]

//tabulate mm9 for all maternal deaths in the window, unweighted
tab mm9 if mm8>=start_month & mm8<=end_month

//tabulate mm9 for all maternal deaths in the window, weighted
tab mm9 if mm8>=start_month & mm8<=end_month [iweight=v005/1000000]

save adult_mm_vars.dta, replace

/*------------------------------------------------------------ ----------------
NOTE:

adult_mm_vars.dta is an individual-level file for with one record for each
sibling in the IR file. If there was also a sibling module in the men's survey,
a parallel routine must be added.
 ------------------------------------------------------------ --------------*/

end
```

What are "sv023" and "start_month_end_month"? Stata displays "sv023_NA not found" and "command start_month_end_month is unrecognized" respectively when I try to run it.