Subject: Exclusive Breastfeeding Variable Lesotho
Posted by LisaSh on Sun, 17 Mar 2019 18:47:00 GMT
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I created an exclusive breastfeeding variable using the 2014 Lesotho data, but my exclusive breastfeeding rate does not match the rate in the Final Report.

Does anyone have any ideas on where the error in my SAS code is? The rate I am coming up with is 3.77% which is much lower than the rate in the report.

```
data babies;
        set dhs.lsbr71fl;
        age = v008 - b3;  /*v008 is century month code of interview; b3 is century month code for
dob of child */


        if age <= 6 and b5 = 1 and b9 = 0;
    /*subset down to living children ages 12 mos and younger living with the mother.
   b5 is whether child is alive or dead at time of interview
   b9 is person baby lives with and 0 is the mom*/

   *compute weights;
        weight = v005/1000000;

ClusterMerge=V001;
LineMerge=V003;
HHMerge=V002;
run;

proc freq data=babies order= freq; table caseid/list missing out=freq_out; run;
data twins; set freq_out;
   where count=2;
run;

proc sort  data=babies; by caseid; run;
proc sort data =twins ; by caseid; run;
data babies_no_twins;
 merge twins (in=a) dhs.women_dset_recode(in=b) babies;
 by caseid;
 if b=1 and a=0;
run;

**********************************;
*          Feeding          ;
**********************************;

data feeding(drop = i j);
```

```
	set babies_no_twins/*babies_nodupped*/;

	water = 0;
	liquids = 0;
	milk = 0;
	solids = 0;
	breast = 0;

	*water;
	if v409 = 1 then water = 1;

	*liquids;
	array liqs(*) v409a v410 v410a v412c v413:;
		do i = 1 to dim(liqs);
			if liqs(i) = 1 then liquids = 1;
		end;

	*milk;
	if v411 = 1 or v411a = 1 or v412 = 1 then milk = 1;

	*solids;
	array sols (*) v412a v412b v414:;
		do j = 1 to dim(sols);
			if sols(j) = 1 then solids = 1;
		end;

	*still breastfeeding;
	if m4 = 95 then breast = 1;

	*Create hierarchy of FEEDING;
	feeding = 1;                                        *feeding starts at 1, excl. b.f. for all
babies;
		if water = 1 then feeding = 2;                  *change from 1 to 2 if
any water;
			if liquids = 1 then feeding = 3;            *change from 1 to 3 if any
other liquids;
				if milk = 1 then feeding = 4;           *change to 4 if any
milk given;
					if solids = 1 then feeding = 5;     *change to 5 if any solids;
						if breast = 0 then feeding = 0; *change to zero if NOT
still breastfeeding;

run;

proc format;
	value feeding
				0 = "Not breastfeeding"
				1 = "Exclusive breastfeeding"
```

```
                                        2 = "+Water"
                                        3 = "+Liquids"
                                        4 = "+Other Milk"
                                        5 = "+Solids"
        ;
run;
data dhs.feeding_cats;
        set feeding;

        if feeding = 1 then bf = 1;
                else bf = 0;
run;

proc freq data=dhs.feeding_cats; table bf; run;
```