Subject: Initial breastfeeding codes using SAS Egypt DHS 2014
Posted by Nfadl on Thu, 07 Feb 2019 21:28:00 GMT
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I am using Egypt DHS 2014 to analyze the initial breastfeeding practice (child file). Table 12.1 showed that percentage of mothers who started breastfeeding within 1 hour (27.1%). However, my results are not matching with the one in the report (mine is 29.6%). BTW, the table is based on last-born children born in the last 2 years preceding the survey.I would be grateful if you could help me to figure out the problem.
I used the following SAS codes:

```
options source2;
%include  '/folders/myfolders/EDHS2014/EDHS2014/FLAT/EGKR61FL/EGKR61FL .SAS';
LIBNAME a '/folders/myfolders/EDHS2014/EDHS2014/FLAT/EGKR61FL';


data work.demo1;
set a.EGKR61FL;
run;

data demo5;
set work.demo1;

sweight = v005/1000000;


child_age=(V008-B3);                              * CHILD'S AGE IN MONTHS;
IF child_age < 24 then do;                         * ONLY CHILDREN AGED LESS THAN TWO
YEARS OLD;
if V426 in (101:215) then lastchildintialBF=0;          *No (late);
else if V426 in (0,100) then lastchildintialBF=1;       *Yes;
else lastchildintialBF=.;
end;

run;



proc surveyfreq data = demo5;
cluster v021 ;*PSU;
strata v023;
weight sweight;
TABLES lastchildintialBF ;
RUN;
```

Subject: Re: Initial breastfeeding codes using SAS Egypt DHS 2014
Posted by Mlue on Mon, 11 Feb 2019 08:19:23 GMT
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Hello Nfadl,

Try using the following SAS program. When I ran it, it matched the results in the report.
You only need to set the library (LIBNAME) to "EGYPTDHS" where the KR file is located on your computer and the rest should run.
Good luck.

```
 ********************************************************** ***********



LIBNAME EGYPTDHS "\\HO12345678\Users\User1\Documents\EGYPT DHS
2014\EDHS2014_SAS";

DATA EGYPTDHS.EDHS_FEEDING;
 SET EGYPTDHS.EGKR61FL;

 weight = (V005 / 1000000);
 psu    = V021;
 strata = V023;

/** CHILD'S AGE IN MONTHS **/
 child_age=(V008-B3);

 IF child_age < 24;

/* REMOVING SCIENTIFIC NOTATION FROM RESULTS OUTPUT */
PROC TEMPLATE;
 EDIT BASE.FREQ.CROSSTABFREQS;
 EDIT FREQUENCY;
 FORMAT=BEST12.;
 END;
 END;
RUN;

/** FINDING THE YOUNGEST CHILD USING BIDX **/

PROC SORT DATA=EGYPTDHS.EDHS_FEEDING;
 BY V001 V002 V003;
RUN;

PROC SQL;
 TITLE 'MINIMUM BIDX OR YOUNGEST CHILD';
 CREATE TABLE EGYPTDHS.bidx_query AS
  SELECT V001,V002,V003,BIDX,M4,M38, MIN(BIDX) AS MINBIDX format=COMMA16.
```

```
  FROM EGYPTDHS.EDHS_FEEDING
  GROUP BY V001,V002,V003
  ORDER BY V001,V002,V003;
RUN;

/* MERGING */
PROC SORT DATA=EGYPTDHS.bidx_query;
 BY V001 V002 V003;
RUN;

PROC SORT DATA=EGYPTDHS.EDHS_FEEDING;
 BY V001 V002 V003;
RUN;

/** MERGING/COMBINING THE DATA FILES **/

DATA EGYPTDHS.EDHS_MERGED;
 MERGE EGYPTDHS.EDHS_FEEDING (IN=x) EGYPTDHS.bidx_query (IN=y);
 BY V001 V002 V003;
RUN;

/*****************************************************************************/

/** START HERE **/

DATA EGYPTDHS.EDHS_BF;
 SET EGYPTDHS.EDHS_MERGED;

 IF (BIDX <= MINBIDX);

 FORMAT feeding$26. place_delivery$18. ever_breastfed$6. predom$6.;

/** CHILD AGE GROUPS **/
 IF child_age in(0:1)  THEN child_age_grp = "00-01";
 IF child_age in(2:3)  THEN child_age_grp = "02-03";
 IF child_age in(4:5)  THEN child_age_grp = "04-05";
 IF child_age in(6:8)  THEN child_age_grp = "06-08";
 IF child_age in(9:11)  THEN child_age_grp = "09-11";
 IF child_age in(12:17)  THEN child_age_grp = "12-17";
 IF child_age in(18:23)  THEN child_age_grp = "18-23";


/** CHILD BREASTFED WITHIN ONE HOUR **/
 IF M34 in(0:100)   THEN WITHIN_HOUR="1. Yes";
 IF M34 not in(0:100)  THEN WITHIN_HOUR="0. No";

/** CHILD BREASTFED WITHIN ONE DAY **/
 IF M34 in(0:200)   THEN WITHIN_ONE_DAY="1. Yes";
```

```
 IF M34 not in(0:200)  THEN WITHIN_ONE_DAY="0. No";

/** FOR TABLE 11.2 - PERCENTAGE EVER BREASTFED **/
 IF M4 in(93,95)    THEN ever_breastfed="1. Yes";
 IF M4 not in(93,95)   THEN ever_breastfed="0. No";

/** DELIVERY CARE **/
 IF M15 in(21:36)   THEN place_delivery="1. Health facility";
 IF M15 in(11:12)   THEN place_delivery="2. At home";
 IF M15 not in(11:12,21:36) THEN place_delivery="3. Other/Missing";

RUN;

PROC FREQ DATA=EGYPTDHS.EDHS_BF;
 WEIGHT WEIGHT;
 TITLE "TABLE 12.1 - %";
 TABLE  B4 * ever_breastfed    /NOCOL NOFREQ NOPERCENT;
 TABLE  B4 * WITHIN_HOUR    /NOCOL NOFREQ NOPERCENT;
 TABLE  B4 * WITHIN_ONE_DAY    /NOCOL NOFREQ NOPERCENT;
 TABLE  v025 * ever_breastfed   /NOCOL NOFREQ NOPERCENT;
 TABLE  place_delivery * ever_breastfed /NOCOL NOFREQ NOPERCENT;
RUN;
```