
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;
```