

---

Subject: Re: sas commands for delivery assistance by health professional  
Posted by [Mlue](#) on Thu, 30 Mar 2017 11:32:07 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hi,

I'm not sure if this is what you're looking for, but I hope it points you into the right direction.

The code below replicates [Table 9.6 Assistance during delivery] - from the Sierra Leone DHS report of 2013

PLEASE NOTE THAT I USED THE INDIVIDUAL RECODE FILE (WOMEN DATASET) TO ACHIEVE THE FOLLOWING

Also note that in order to achieve all of this, I had to import Stata data into SAS and analyse as shown below

```
**=====**
```

SAS programme

```
/** SKILLED BIRTH ATTENDANT **/  
DATA SLDHS2013_1;  
  SET WORK.SLDHS_2013;  
  WHERE m3a in(0,1,9) AND m3b in(0,1,9) AND m3c in(0,1,9) AND v208 in(1,2,3,4);  
  /* THE CODE ABOVE SELECTS THE SAMPLE TO MATCH THE TABLE IN THE DHS REPORT  
  */  
  
  /* NOW, TO DERIVE THE DEPENDENT VARIABLE (Skilled_birth)*/  
  
  IF m3a = 1 or m3b = 1 or m3c = 1 THEN skilled = 1; else  
  IF m3a or m3b or m3c NE 1 THEN skilled = 0;  
  
  FORMAT skilled_birth$32.;  
  IF skilled = 0 THEN Skilled_birth = "0. Non-skilled provider";  
  IF skilled = 1 THEN Skilled_birth = "1. Skilled provider";  
  
  WEIGHT = (v005 / 1000000);  
PROC TEMPLATE;  
EDIT BASE.FREQ.CROSSTABFREQS;  
EDIT FREQUENCY;  
FORMAT=BEST12.;  
END;  
END;  
RUN;  
  
/* CHECK IF IT MATCHES THE RESULTS ON THE DHS REPORT*/
```

/\* Percentage delivered by a skilled provider in Sierra Leone DHS 2013 report = 59.7% \*/

```
PROC FREQ DATA=WORK.SLDHS2013_1;  
  TABLE Skilled_birth /NOCOL NOROW;  
  WEIGHT WEIGHT;  
RUN;
```

/\* CHECK WITH OTHER VARIABLES \*/

```
PROC FREQ DATA=WORK.SLDHS2013_1;  
  TABLE V025 * Skilled_birth /NOCOL NOFREQ NOPERCENT;  
  TABLE V024 * Skilled_birth /NOCOL NOFREQ NOPERCENT;  
  TABLE V190 * Skilled_birth /NOCOL NOFREQ NOPERCENT;  
  WEIGHT WEIGHT;  
RUN;
```

---