
Subject: Re: Child Vaccination_Ethiopia
Posted by [Mlue](#) on Tue, 20 Nov 2018 08:45:21 GMT
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Hello,

Try this one. SPSS

```
*// [ OPEN THE DATA - PERSON RECODE ] **.
```

```
** ETHIOPIA 2016 DHS **.
```

```
** **
```

```
GET
```

```
FILE='C:\Users\...\ETBR70FL.SAV'.
```

```
DATASET NAME DataSet1 WINDOW=FRONT.
```

```
** WEIGHT VARIABLE.
```

```
COMPUTE weight = v005/1000000.
```

```
WEIGHT BY weight.
```

```
** COMPLEX SURVEY VARIABLES.
```

```
COMPUTE psu = v021.
```

```
COMPUTE strata = v023.
```

```
RENAME VARIABLES (v013=age) (v106=education) (v025=residence) (v024 = region)  
(v190=wealth).
```

```
** CHILD AGE IN MONTHS (12-23 months old).
```

```
COMPUTE months = b19.
```

```
SELECT IF b5 EQ 1 AND (months GE 12 AND months LE 23).
```

```
RECODE months (12 THRU 13 = 1) (14 THRU 15 = 2) (16 THRU 17 = 3)
```

```
(18 THRU 19 = 4) (20 THRU 21 = 5) (22 THRU 23 = 6) INTO child_age.
```

```
VARIABLE LABELS child_age 'Child age (months)'.  
EXECUTE.
```

```
VALUE LABELS child_age 1 "12-13 months" 2 "14-15 months" 3 "16-17 months" 4 "18-19
```

months" 5 "20-21 months" 6 "22-23 months".

** RECODE VACCINATION VARIABLES.

COMPUTE BCG = RANGE(h2,1,3).
EXECUTE.

COMPUTE Polio0 = RANGE(h0,1,3).
EXECUTE.

COMPUTE DPT = RANGE(h3,1,3)+RANGE(h5,1,3)+RANGE(h7,1,3).
EXECUTE.

COMPUTE Polio = RANGE(h4,1,3)+RANGE(h6,1,3)+RANGE(h8,1,3).
EXECUTE.

*COMPUTE pv = RANGE(pv1,1,3)+RANGE(pv2,1,3)+RANGE(pv3,1,3).
*EXECUTE.

COMPUTE ms = RANGE(h9,1,3).
EXECUTE.

** DEPENDENT VARIABLE.

COMPUTE vaccination = (BCG=1 & Polio=3 & DPT=3 & ms=1) .
VARIABLE LABELS vaccination 'Received all basic vaccinations'.
EXECUTE.

VALUE LABELS vaccination 0"No" 1"Yes".

* MOTHER'S AGE AT BIRTH.

COMPUTE agebirth = (b3-v011)/12.
EXECUTE.

RECODE agebirth (LO THRU 19.91667 = 1) (20 THRU 34.91667 = 2) (35 THRU HI = 3) INTO
age_at_birth.

VARIABLE LABELS age_at_birth "Mother's age at birth".
EXECUTE.

VALUE LABELS age_at_birth 1 "<20" 2 "20-34" 3 "35-49".

* BIRTH ORDER.

COMPUTE birth_order1 = bord.

IF (b0 EQ 2) birth_order1 = bord - 1.

IF (b0 EQ 3) birth_order1 = bord - 2.

EXECUTE.

RECODE birth_order1 (1 = 1) (2 THRU 3 = 2) (4 THRU 5 = 3) (6 THRU HI = 4) INTO birth_order.

VARIABLE LABELS birth_order "Birth order".

EXECUTE.

VALUE LABELS birth_order 1 "1" 2 "2-3" 3 "4-5" 4 "6+".

*=====

** CHECK **.

FREQUENCIES VARIABLES=B4 birth_order residence region education wealth age_at_birth
/ORDER=ANALYSIS.

CROSSTABS

/TABLES=B4 birth_order residence region education wealth age_at_birth BY vaccination

/FORMAT=AVALUE TABLES

/CELLS=ROW

/COUNT ROUND CELL.