
Subject: Re: Vaccinations

Posted by [Bridgette-DHS](#) on Tue, 22 Jul 2014 17:56:31 GMT

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Thanks for letting us know that you figured it out. However, I am posting the syntax provided by our Senior Data Processing Specialist, Ladys Ortiz. Another data user might find it helpful:

```
*/ Number of children.
```

```
*/ Only for living children age 12-23 months .
```

```
COMPUTE months = V008 - B3.
```

```
SELECT IF (B5 = 1 & Months >= 12 & Months <= 23).
```

```
*/ Type of vaccines.
```

```
*/ BCG.
```

```
IF (H2 >= 1 & H2 <= 3) BCG = 1.
```

```
* DPT 1.
```

```
*/ Initializing working variable to accumulate DPT 1,2,3.
```

```
COMPUTE DPT = 0.
```

```
IF (H3 >= 1 & H3 <= 3) DPT = DPT + 1.
```

```
IF (H5 >= 1 & H5 <= 3) DPT = DPT + 1.
```

```
IF (H7 >= 1 & H7 <= 3) DPT = DPT + 1.
```

```
IF ( DPT >= 1) DPT1 = 1.
```

```
IF ( DPT >= 2) DPT2 = 1.
```

```
IF ( DPT >= 3) DPT3 = 1.
```

```
* POLIO 0.
```

```
IF (H0 >= 1 & H0 <= 3) Polio0 = 1.
```

```
* POLIO 1.
```

```
*/ Initializing working variable to accumulate Polio 1,2,3.
```

```
COMPUTE Polio = 0.
```

```
IF (H4 >= 1 & H4 <= 3) Polio = Polio + 1.
```

```
IF (H6 >= 1 & H6 <= 3) Polio = Polio + 1.
```

```
IF (H8 >= 1 & H8 <= 3) Polio = Polio + 1.
```

```
*/ Defining each POLIO variables depending of accumulative number .
```

```
IF (Polio >= 1) Polio1 = 1.
```

```
IF (Polio >= 2) Polio2 = 1.
```

```
IF (Polio >= 3) Polio3 = 1.
```

```
* Measles.
```

```
IF (H9 >= 1 & H9 <= 3) Measles = 1.
```

```
*/ Count all basics vaccinations received at any time.
```

```
COUNT AllBasic = BCG DPT1 DPT2 DPT3 Polio1 Polio2 Polio3 measles (1).
```

```
IF ( Allbasic = 8) AllVac = 1.
```

```
VARIABLE LABELS AllVac "".
```

VALUE LABELS AllVac 1"All basic vaccinations2".

*/ Count No basics vaccinations given at any time.

*/ No vaccines = none of the basic vaccines & no polio 0.

COMPUTE vP0 = 0.

IF (H0 >= 1 & H0 <= 3) vP0 = 1.

IF (AllBasic = 0 & vP0 = 0) NoVac = 1.

VARIABLE LABELS NoVac "".

VALUE LABELS NoVac 1"No vaccinations".