
Subject: Re: Prevention of malaria in pregnant women with Fansidar
Posted by [Bridgette-DHS](#) on Wed, 29 Dec 2021 14:48:51 GMT
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Following is a response from DHS Research & Data Analysis Director, Tom Pullum:

The following Stata code shows one way to get the 1315 (this is a weighted frequency). There are other ways to get it, some of which would use the KR file. What I wrote is much more general, and could be used to get the number of births in any time interval.

```
use "...TGIR71FL.DTA" , clear
```

```
* Construct variables n1, n2, n3, n4, n5 for the number of births in the past 1, 2, 3, 4, 5 years  
* Increment them by 1 for each child born within the interval according to b19
```

```
* v209      births in past year  
* v238      births in last three years  
* v208      births in last five years
```

```
keep v001 v002 v003 v005 v208 v209 v238 b19*
```

```
* remove the 0 in index 01 through 09  
rename b19_0* b19_*
```

```
local Inumbers 1 2 3 4 5
```

```
foreach ln of local Inumbers {  
gen n`ln'=0  
  local li=1  
  quietly while `li'<=20 {  
    replace n`ln'=n`ln'+1 if b19_`li'<12*`ln'  
    local li=`li'+1  
  }  
tab1 n`ln'  
tab1 n`ln' [iweight=v005/1000000]  
}
```

```
* check agreement for pre-coded numbers of births in the past 1, 3, or 5 years  
tab n1 v209  
tab n3 v238  
tab n5 v208
```

```
* (There is a discrepancy between n1 and v209 that I will attempt to resolve)
```

```
* The weighted number of women who Had a live birth in the past two years comes from  
* the weighted tabulation of n2: 1270.56 + 43.66 + 0.75 = 1314.97 = 1315
```
