
Subject: Re: Bangladesh 2014 - Antibiotics for ARI
Posted by [Bridgette-DHS](#) on Tue, 17 Jan 2017 21:20:16 GMT
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Following is a response from DHS Senior Research Associate, Shireen Assaf:

The following code will match the report for prevalence of ARI and for treatment of ARI. However, like you, we (the analysis staff) cannot match the estimate for antibiotics. We are forwarding the question to our Data Processing staff to confirm the number in the report. If you do not hear from us within two weeks, please ask again.

*ari, matches

```
gen ari=0
replace ari=1 if h31b==1 & (h31c==1 | h31c==3)
replace ari=. if age>=60 | b5==0
```

*treatment of ari, matches

```
gen trtari=0 if ari==1
replace trtari=1 if ari==1 & (h32a==1 | h32b==1 | h32c==1 | h32d==1 | h32e==1 | h32f==1 |
h32g==1 | h32h==1 | h32i==1 | h32j==1 | h32l==1 | h32n==1 | h32s==1 | h32t==1 | h32u==1 |
h32v==1 | h32w==1 )
label var trtari "received treatment for ari"
```

* antibiotics, does not match, I get the correct denominator but the estimate is 8.4% and not 34% as in the final report.

```
gen antibio=0 if ari==1
replace antibio=1 if ari==1 & (s538g==1 | s538h==1 | s538i==1 | s538j==1 | s538k==1 | s538l==1
|s538m==1 )
```