Subject: Antibiotic use for ARI - Tanzania DHS 2016
Posted by soniwe on Sun, 24 Jun 2018 05:21:09 GMT
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Hi there,

We are looking at antibiotic use in the Tanzania DHS 2016 data, and trying to replicate the antibiotic use for ARI shown in Table 10.5. We are able to reproduce the figures shown using the following code in Stata:

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

gen ari_ab=0
replace ari_ab=1 if h37i==1 | h37j==1 | h37n==1
replace ari_ab=. if b19>=60 | b5==0
```

However, we noticed that if there is no fever (i.e. h22=0) then there is data in the dataset on treatment seeking, but there is no data on which drugs were taken. Following the skip pattern in the questionnaire this doesn't seem to make sense. And it means that in fact the data in Table 10.5 shows antibiotic use for ARI only when fever is also present. In other datasets (e.g. Nepal DHS 2016), there is data on antibiotic use for ARI regardless of whether fever is also present.

Thanks for any clarification you can give on this!

Sonia