
Subject: Re: Antibiotic use for ARI Nepal 2011 (using stata)

Posted by [Mlue](#) on Wed, 04 Jul 2018 12:08:32 GMT

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Hi Charlotte,

Try this one... (This is as far as I can help)

**** Matches figures on STATcompiler ****

```
gen antibari=0 if ari==1
replace antibari=1 if ari==1 & h37f==1
replace antibari=1 if ari==1 & h37g==1
replace antibari=1 if ari==1 & h37h==1
tab antibari [iw=weight]
```

For more, try this...

```
/* NEPAL DHS 2011 */
clear all
set matsize 800
set mem 1000m
cd "..."
use "NPBR60FL", clear
set more off
```

**** WEIGHT VARIABLE**

```
gen weight = v005/1000000
```

**** SURVEY SET**

```
gen psu = v021
gen strata = v023
svyset psu [pw = weight], strata(strata)
*svydes
```

```
// RENAME
```

```
rename v013 age
```

```
rename v106 education
rename v190 wealth
rename v025 residence
rename v024 region
rename sdist district
```

```
////////////////////////////////////
```

```
** CHILD'S AGE **
```

```
gen child_age=v008-b3
```

```
keep if child_age <60 & child_age !=.
```

```
*****
```

```
recode child_age (0/5=1 "<6 months") (6/11=2 "6-11 months") ///
  (12/23=3 "12-23 months") (24/35=4 "24-35 months") ///
  (36/47=5 "36-47 months") ///
  (48/59=6 "48-59 months") (else=.), gen(child_age_grp)
```

```
*****
```

```
** ARI **
```

```
cap drop ari
```

```
gen ari=0
```

```
replace ari=1 if h31b==1 & (h31c==1 | h31c==3)
```

```
replace ari =. if child_age>=60 | b5==0
```

```
label define ari 0"No" 1"Yes"
```

```
label var ari "Child has acute respiratory infection (ARI)"
```

```
label val ari ari
```

```
*****
```

```
global cough "h32a h32b h32d h32e h32i h32j h32l h32r h32z"
```

```
cap drop treat_ari
```

```
gen treat_ari=0 if ari==1
```

```
label define treat_ari 0"No" 1"Yes"
```

```
label var treat_ari "Received treatment for ARI"
```

```
label val treat_ari treat_ari
```

```
* TREATMENT FOR "ARI"
```

```
foreach xvar of varlist $cough {
  replace treat_ari=1 if (`xvar'==1) & ari==1
}
*
```

global biotica "h37f h37g h37h"

cap drop antibari
gen antibari=0 if ari==1

```
foreach xvar of varlist $biotica {  
  replace antibari=1 if (`xvar'==1) & ari==1  
}  
*
```

```
*=====
```

```
** DROP IF NOT WITHIN SAMPLE  
qui regr ari [pw=weight]  
drop if e(sample)!=1
```

* Code above is the same as: keep if ari !=.

```
** CHECK against report**  
svy: tab child_age_grp ari, count format(%4.0f) miss  
svy: tab child_age_grp ari, percent format(%4.1f) row miss
```

```
svy: tab child_age_grp treat_ari, count format(%4.0f)  
svy: tab child_age_grp treat_ari, percent format(%4.1f) row
```

```
svy: tab child_age_grp antibari, count format(%4.0f)  
svy: tab child_age_grp antibari, percent format(%4.1f) row
```

Good luck
Mlue