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Subject: India NFHS-3 - slum coding  
Posted by [soniwe](#) on Wed, 22 Feb 2017 15:24:52 GMT  
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Hi there,

I am using the NFHS-3 dataset to calculate equity of coverage of vaccination and other maternal and child health interventions. One of the variables we are using to stratify by is `sslumc` (slum designation by census). According to the map file and the variable categories in the dataset, 1 is coded as "slum" and 2 as "non slum". When I do cross-tabs of these (after `svyset`) by variables such as vaccination and skilled birth attendance, coverage seems to be much higher in the "slum" group. This is counter-intuitive, and I wonder whether there may be a mistake in the variable coding here?

Thanks,

Sonia

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Subject: Re: India NFHS-3 - slum coding  
Posted by [soniwe](#) on Thu, 23 Feb 2017 09:14:29 GMT  
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Hi again,

I have realised why I was having those counter-intuitive results. I had recoded the missing values and included them as "non-slum". The majority of these were from rural populations, which have much lower coverage of health interventions even than urban slums, and this was skewing the results. I now want to recode into three categories: "Urban non-slum" "Urban slum" "Rural". Is it ok to re-code the missing as "Urban non-slum" if `v025` is 1 (urban) and as "Rural" if `v025` is 2 (rural) (see code below)? Are those participants categorised as "non slum" in the variable `sslumc` equivalent to other urban dwellers categorised as 1 in `v025` - i.e. does it make sense to combine these two groups?

Sonia

```
recode sslumc (.=2) if v025==1
recode sslumc (.=3) if v025==2
label define slum 1 "Urban slum" 2 "Urban non slum" 3 "Rural"
```

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Subject: Re: India NFHS-3 - slum coding  
Posted by [fredarnold](#) on Thu, 23 Feb 2017 15:35:49 GMT  
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In NFHS-3, information on whether or not enumeration areas are in slums or non-slums is only

available for eight cities (Mumbai, Delhi, Kolkata, Hyderabad, Chennai, Indore, Meerut, and Nagpur). For those eight cities you could identify slums, non-slums, and rural households, but you can't do that for the whole country.

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