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Subject: Prevalence of Tuberculosis

Posted by [krishn28\\_ssh](#) on Fri, 15 Jun 2018 15:15:48 GMT

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Dear Sir,

I am using IAPR72FL.DTA file for calculation of prevalence of Tuberculosis. by using code-  
svy linearized : proportion sh24, over(hv104)

i found

Survey: Proportion estimation

Number of strata = 2514      Number of obs = 2869043  
Number of PSUs = 28524      Population size = 2821818  
Design df = 26010

\_prop\_1: sh24 = not listed as suffering from tb  
yes: sh24 = yes

male: hv104 = male  
female: hv104 = female

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      |      Linearized
      | Over | Proportion  Std. Err.  [95% Conf. Interval]
-----+-----
_prop_1 |
  male | .9960606      .      .      .
  female | .9977839      .      .      .
-----+-----
yes      |
  male | .0039394      .      .      .
  female | .0022161      .      .      .
-----
```

Note: missing standard errors because of stratum with single  
sampling unit.

this table if i converted this value as prevalence per one lakh population than it will be-

394 per 100000 for male and 221.61 for female.

is this answer is correct?

In the country report its defined in two category one is medically treated TB, and tuberculosis. and  
foot note shows that in tuberculosis column medically treated included.

So, how can I calculate the prevalence of tuberculosis across sex (hv104) and SC, ST, OBC, Non  
of the above category (sh36) ?

Pls send the stata code also.

Thank You  
with regards  
Krishna

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