# Subject: Re: Tuberculosis and Childhood Tuberculosis 

Posted by NKS on Wed, 08 Jun 2022 07:27:27 GMT
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Thank you for the quick response.
I have already applied the state weight and IW. The number of usual residents for states which is " N " is matching with the state report while point prevalence by age-group and gender is not. For instance, point prevalence among <15 years for UP was estimated as 34/100,000 from the data but in the report, it is $356 / 100,000$.

Here is the full command of STATA, which I have employed for the state of Uttar Pradesh (if hv024==9):
gen tb_mtreated $=0$
replace tb_mtreated $=1$ if sh29aa $>=1 \&$ sh29aa<=3
proportion tb_mtreated if hv102==1 [iw=hv005/1000000]
recode hv105 (0/14=1 "0-14 years") (15/59=2 "15-59 years") (else=3 ">=60 years"), gen (age)
proportion tb_mtreated if hv102==1 \& hv024==9 [iw=shweight/1000000], over (age)
proportion tb_mtreated if hv102==1 \& hv024==9 [iw=shweight/1000000], over (hv104)
proportion tb_mtreated if hv102==1 \& hv024==9 [iw=shweight/1000000]

## //Results from STATA//

proportion tb_mtreated if hv102==1 \& hv024==9 [iw=shweight/1000000],over(age)
Proportion estimation $\quad$ Number of obs $=364,194$

| _prop_1: tb_mtreated $=0$ |
| :--- |
| _prop_2: tb_mtreated $=1$ |

_subpop_1: age $=<15$
_subpop_2: age $=15-59$
_subpop_3: age $=>=60$

Over Proportion Std. Err. [95\% Conf. Interval]

| _prop_1 |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: |
| _subpop_1 | .9996582 | .0000553 | .9995307 | .9997511 |
| _subpop_2 | .9975473 | .0001065 | .9973295 | .9977473 |
| _subpop_3 | .994669 | .0003812 | .9938673 | .9953665 |
| _sub |  |  |  |  |
| _prop_2 |  |  |  |  |
| _subpop_1 | .0003418 | .0000553 | .0002489 | .0004693 |
| _subpop_2 | .0024527 | .0001065 | .0022527 | .0026705 |

_subpop_3 . 005331 . 0003812 . 0046335 . 0061327
Request you to kindly look at the discrepancies.

