Subject: Re: Tuberculosis and Childhood Tuberculosis Posted by NKS on Wed, 08 Jun 2022 07:27:27 GMT View Forum Message <> Reply to Message

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 e	stimation	Numbe	er of obs =	364,194	
_prop_1: tb_ _prop_2: tb_	mtreated = 0 mtreated = 1)			
_subpop_1: _subpop_2: _subpop_3:	age = <15 age = 15-59 age = >=60				
Over Proportion Std. Err. [95% Conf. Interval]					
_prop_1	0000500		0005007	0007544	
_suppop_1	.9996582	.0000553	.9995307	.9997511	
_subpop_2	.9975473	.0001065	.9973295	.9977473	
_subpop_3	.994669 .	0003812	.9938673	.9953665	
prop 2					
subpop 1	.0003418	.0000553	.0002489	.0004693	
subpop 2	.0024527	.0001065	.0022527	.0026705	
-					

Request you to kindly look at the discrepancies.

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