Subject: Measle vaccine coverage in Rwanda RDHS 2014-15
Posted by phyumar on Thu, 27 Sep 2018 07:38:37 GMT
View Forum Message <> Reply to Message

Dear Sir/Madam,

I am working on RWKR70 file and received the measle vaccine coverage among 12-23 months children at 44%. However, it was around 90% in report. Could you kindly enlighten me? I am using this code.

gen wgt=v005/1000000
svyset [pweight=wgt],psu(v021)strata(v023)
svydescribe

. svy: prop mea1, over(childagegp)
(running proportion on estimation sample)

Survey: Proportion estimation

Number of strata =   60   Number of obs   =   7,540
Number of PSUs   =   492   Population size = 7,676.8237
Design df   =   432

no: mea1 = no
yes: mea1 = yes

_subpop_1: childagegp = < 6 months
_subpop_2: childagegp = 6-11 months
_subpop_3: childagegp = 12-23 months
_subpop_4: childagegp = 24-35 months
_subpop_5: childagegp = 36-47 months
_subpop_6: childagegp = 48-60 months

Over	Linearized Proportion	Logit Std. Err.	[95% Conf. Interval]	
no				
_subpop_1	1	.	.	.
_subpop_2	.9822533	.0042009	.9718044	.9888743
_subpop_3	.5574378	.0155779	.5266399	.5878002
_subpop_4	.5614463	.0156153	.5305584	.5918653
_subpop_5	.6489286	.0155921	.6177042	.6789283
_subpop_6	.6479457	.0154389	.6170384	.6776617
yes				
_subpop_1	0 (no observations)			
_subpop_2	.0177467	.0042009	.0111257	.0281956

```
_subpop_3   .4425622   .0155779      .4121998   .4733601
_subpop_4   .4385537   .0156153      .4081347   .4694416
_subpop_5   .3510714   .0155921      .3210717   .3822958
_subpop_6   .3520543   .0154389      .3223383   .3829616
```

Thank you in advance.

Phyumar

Subject: Re: Measle vaccine coverage in Rwanda RDHS 2014-15
Posted by Trevor-DHS on Fri, 28 Sep 2018 20:47:33 GMT
View Forum Message <> Reply to Message

Your code does not show how you construct mea1, which is probably where the problem exists.
Note the footnote that shows it is a combination of the measles only vaccine and the measles and
rubella vaccine.

Subject: Re: Measle vaccine coverage in Rwanda RDHS 2014-15
Posted by Trevor-DHS on Fri, 28 Sep 2018 20:56:23 GMT
View Forum Message <> Reply to Message

See s506mr for measles and rubella

Subject: Re: Measle vaccine coverage in Rwanda RDHS 2014-15
Posted by phyumar on Mon, 01 Oct 2018 02:27:49 GMT
View Forum Message <> Reply to Message

Dear Sir,

Thanks for clarification. Yes, I understand the reason of getting different results.

Due respect,
Phyumar