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Subject: Measle vaccine coverage in Rwanda RDHS 2014-15

Posted by [phyumar](#) on Thu, 27 Sep 2018 07:38:37 GMT

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Dear Sir/Madam,

I am working on RWKR70 file and received the measles 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
```

```
Linearized      Logit
Over Proportion 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

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Subject: Re: Measle vaccine coverage in Rwanda RDHS 2014-15

Posted by [Trevor-DHS](#) on Fri, 28 Sep 2018 20:47:33 GMT

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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.

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Subject: Re: Measle vaccine coverage in Rwanda RDHS 2014-15

Posted by [Trevor-DHS](#) on Fri, 28 Sep 2018 20:56:23 GMT

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See s506mr for measles and rubella

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Subject: Re: Measle vaccine coverage in Rwanda RDHS 2014-15

Posted by [phyumar](#) on Mon, 01 Oct 2018 02:27:49 GMT

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Dear Sir,

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

Due respect,  
Phyumar