

Hello,

I will appreciate your expert guidance on my query. We usually use 'psu' as the cluster level in DHS data. In my case, the group size is too small if I use 'psu'.

Group Variable	#Groups	Minimum	Average	Maximum
psu	25,063	1	3.1	16

Since NFHS-4 is representative at the district level and we have to anyway create a variable for the cluster-weight, I am wondering if it is possible to use district as the cluster-level. I tried changing my weighting command for psu to district but as you can see in the output, I don't get the p-values and CIs.

```
*Rescaling of weights
gen wt=v005/1000000
```

```
*Level 1 weights using scaling method 1: New weights sum to district sample size
gen sqw = wt*wt
egen sumsqw = sum(sqw), by(sdistri)
egen sumw = sum(wt), by(sdistri)
gen pwt11 = wt*sumw/sumsqw
```

```
* Survey setting
gen wt2=1
svyset sdistri, weight(wt2) strata(v023) , singleunit(centered) || _n, weight(pwt11)
```

```
*Output
```

```
*****
```

Number of strata	=	2,509	Number of obs	=	1,538,126
Number of PSUs	=	2,509	Population size	=	1,438,715
Subpop. no. obs	=	78,446			
Subpop. size	=	73,653.12			
Design df	=	0			
F( 0, 0)	=	.			
Prob > F	=	.			

```
Linearized
```

y	Coef.	Std. Err.	t	P>t	[95% Conf. Interval]
_cons	-1.585093	.0192937	-82.16	.	.

```
sdistri
```

var(_cons)	.1527032	.0153514	.	.
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Note: 5 strata omitted because they contain no subpopulation members.

Note: Strata with single sampling unit centered at overall mean.

I am not sure what is going wrong and will appreciate any understanding.

Thank you

Deepali

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