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Subject: child immunization

Posted by [adis](#) on Thu, 05 May 2022 19:46:01 GMT

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We are trying to analyze the child immunization to explore the determinants of Pentavalent and Measles dropout using Ethiopian 2019 mini DHS. We have used b19 (current age of child in months) and the target age group is from 12 to 23 months. The total number we got and the number in the report somehow differ. Would you please help us manage the problem?

How can we make the drop out rate calculation in stata?

we just tried in the following way

\*\*\*\*\*for Penta and Measles dropout\*\*\*\*\*Dependent variable\*\*\*\*\*

```
gen DPT_1 = inrange(h3,1,3)
```

```
gen DPT_2 = inrange(h5,1,3)
```

```
gen DPT_3 = inrange(h7,1,3)
```

```
gen DPT_dropout= DPT_1-DPT_3
```

```
gen ms_dropout = DPT_1-ms
```

```
gen Penta_drop_rate= (DPT_1-DPT_3/DPT_1)*100
```

```
gen ms_drop_rate= (DPT_1-ms/DPT_1)*100
```

\*\*\*\*\*dropout is a binary variable for both Pentavalent and Measles

we have also come up with different number of children in the individual record and the child re-code data set. Even though the target group is children; we thought that it was the women who was interviewed. so please would you mind if you make this things clear?

since we will use few variables from individual re-code and some other from child re-code; how do we merge this two data sets. or is that possible to use child re-code data set for all maternal characteristics?

thank you in advance for your swift response

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