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Subject: Vitamin A dose received by children  
Posted by [mona](#) on Thu, 19 Mar 2020 16:59:05 GMT  
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Hello,

I am trying to calculate % Children age 9-59 months who received a vitamin A dose in last 6 months (%) using NFHS- 4 KR data as given in the factsheet.

On using the code given below, I get 60.07% however in the factsheet it is 60.2% (Link to factset: <http://rchiips.org/NFHS/pdf/NFHS4/India.pdf> ; Indicator No. 56). Can someone please review the code and suggest where I am going wrong. I checked the Guide to DHS document as well. It suggested to use cdc date, but in NFHS-4 there is no variable v008a.

Thank you so much in advance!

```
gen age = v008 - b3
```

```
gen month = h33m if h33m < 13  
gen year = h33y if h33y <= 2016  
gen vitAdosedatecmc = ((year-1900)*12) + month  
gen durvitA = v008 - vitAdosedatecmc
```

```
gen vitA = 0 if inrange(age,9,59) & b5== 1  
replace vitA = 1 if inrange(age,9,59) & b5== 1 & h34 == 1  
replace vitA = 1 if inrange(age,9,59) & b5== 1 & durvitA < 7
```

```
tab vitA [iw= v005/1000000]
```

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