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Subject: KDHS 2022: Table 11.12 Micronutrient supplementation and deworming among children

Posted by [sokiya](#) on Mon, 04 Dec 2023 15:56:42 GMT

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Hi,

I am trying to replicate in the column "Percentage given vitamin A supplements in last 6 months" in Table 11.12 using the code below taken from DHS GitHub repository

```
use "$KEKR8AFL.dta", clear
```

```
**** child's age ****
```

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

```
//Received Vit. A supplements
```

```
recode h33m (98=.), gen(h33m2)
```

```
recode h33d (98=15), gen(h33d2)
```

```
recode h33y (9998=.), gen(h33y2)
```

```
*gen nt_ch_micro_vas= h34==1 | (int((v008a - (mdy(h33m2,h33d2,h33y2) + 21916) )/30.4375) < 6)
```

```
gen nt_ch_micro_vas= h34==1 | (int((mdy(v006,v016,v007) - mdy(h33m2,h33d2,h33y2) )/30.4375) < 6)
```

```
replace nt_ch_micro_vas=. if !inrange(age,6,59) | b5==0
```

```
label values nt_ch_micro_vas yesno
```

```
label var nt_ch_micro_vas "Children age 6-59 mos given Vit. A supplements"
```

with no success. Any help will be greatly appreciated.

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Subject: Re: KDHS 2022: Table 11.12 Micronutrient supplementation and deworming among children

Posted by [Bridgette-DHS](#) on Tue, 05 Dec 2023 16:06:31 GMT

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Following is a response from Senior DHS staff members, Tom Pullum and Keith Purvis:

You need to use b19, rather than v008-b3, for age in months.

There is NOT a problem with the DHS construction of this indicator. To construct it, you use the interval since the date on the health card, and you ALSO use h34, which is based on a separate question about whether there was a vitamin A supplement in the past 6 months. The Stata code below will match the 4th and 5th columns in Table 11.12 of the Kenya 2022 final report.

\* Construct indicator for Vitamin A supplement in the past 6 months, children under 5

\* Table 11.12, Kenya 2022 DHS Survey

use "...KEKR8BFL.DTA", clear

gen vas=0 if b5==1 & b19>=6 & b19<=59  
label variable vas "Received Vitamin A supplement"

replace h33d=15 if h33d==98  
replace h33m=. if h33m==98  
replace h33y=. if h33y==9998

replace vas=1 if vas==0 & h33>=1 & h33<=3 &  
(mdy(v006,v016,v007)-mdy(h33m,h33d,h33y)<6\*30.4375)  
replace vas=1 if vas==0 & h34==1

tab v190 vas [iweight=v005/1000000], row

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Subject: Re: KDHS 2022: Table 11.12 Micronutrient supplementation and deworming among children

Posted by [sokiya](#) on Mon, 11 Dec 2023 17:29:38 GMT

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Thanks so much for the guidance. I am sincerely grateful.

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