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Subject: Re: Replicating DHS tables on child health  
Posted by [Trevor-DHS](#) on Wed, 18 Nov 2015 06:17:43 GMT  
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See the below code for examples for question 1 and 2.

```
cd "C:\Data\DHS_Stata\"
```

```
* Use kids recode dataset  
use "UGKR60FL.DTA", clear
```

```
* set weight  
g wt=v005/1000000
```

```
* Q1.
```

```
* create mother's age at birth variable =
```

```
* CMC date of birth of child - CMC date of birth of woman - , divided into 15 year groups (180 months)
```

```
g mageatb = b3 - v011
```

```
recode mageatb (0/239 = 1 "<20") (240/419 = 2 "20-34") (420/599 = 3 "35-49"), g(mab)
```

```
lab var mab "Mother's age at birth"
```

```
tab mab [iw=wt]
```

```
* creates smokes variable
```

```
g smokes = 2
```

```
replace smokes = 1 if v463a == 1 | v463b == 1
```

```
*replace smokes = 9 if smokes == 2 & (v463a == 9 | v463b == 9)
```

```
lab def smokes 1 "Smokes cigarettes/tobacco" 2 "Does not smoke"
```

```
lab var smokes "Mother's smoking status"
```

```
lab val smokes smokes
```

```
tab smokes [iw=wt]
```

Note that there appears to be a typing error in table 10.1 and the number of women who do not smoke should be 8010, not 8000.

```
* Q2.
```

```
* Diarrhea
```

```
g diarrhea = (h11==2) if b5==1
```

```
tab diarrhea [iw=wt] if b5==1
```

```
* Diarrhea with blood
```

```
g diarr_bld = (h11b==1) if b5==1
```

```
tab diarr_bld [iw=wt] if b5==1
```

For question 3, the tab commands above provide the numbers of children as well as the percentages.

For question 4, a simple way of producing the output you need is to try something like the following:

```
* Q4.
```

```
g total = 0
```

```
foreach var in v102 v101 v190 total {
```

```
tab `var' diarrhea [iw=wt] if b5==1, row  
}
```

This produces results for a number of background characteristics, but not a single table.

If you want to produce tables that looks like those in the report, you can try using alternative tabulation commands, such as `tabout`, or use a different software to produce the output desired (DHS uses CSpPro with some additional tools to produce the tables as found in the reports).

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