
Subject: Creating some variables

Posted by [ashraf](#) on Tue, 24 Aug 2021 19:49:35 GMT

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Dear Sara and SPA experts,

I am trying to replicate table 3.5 and 3.7 of Afghanistan SPA 2018-19 report in Stata. I was unable to create the first two variables -Sterilization equipment and equipment for high-level disinfection of table 3.5 and variable "X ray machine" of table 3.7. My codes are:

```
gen wgt=facwt/1000000
```

```
*Sterilization equipment
```

```
gen str=0
```

```
replace str=1 if (q201==1 | q201==2) & ((q501a_03==1 & q501b_03==1) | (q501a_05==1 &  
q501b_05==1) | (q501a_06==1 & q501a_07==1 & q501b_07==1))
```

```
tab str [iw=wgt]
```

```
*High level disinfection
```

```
gen hidis=0
```

```
replace hidis=1 if (q201==1 | q201==2) & ((q501a_03==1 & q501b_03==1) | (q501a_05==1 &  
q501b_05==1) | (q501a_06==1 & q501a_07==1 & q501b_07==1) | (q501a_10==1 &  
inrange(q502g_5,1,3)))
```

```
tab hidis [iw=wgt]
```

```
*X ray machine
```

```
gen xray=0
```

```
replace xray=1 if (q881a_1==1 & q881b_1==1) | (q881a_2==1 & q881b_2==1)
```

```
tab xray [iw=wgt]
```

It looks like I am using the correct variables according to the footnotes of the tables, but I am not getting the same % as the final report table. I want to get the same % of the report table. I would greatly appreciate any help with this matter.

Regards,
Ashraf
