
Subject: Replicating table

Posted by [foysal](#) on Fri, 07 Jun 2024 18:16:22 GMT

[View Forum Message](#) <> [Reply to Message](#)

Dear Sara and SPA experts,

I am currently working with the Nepal SPA Survey 2021 dataset and am attempting to create several variables from Table 3.8.2. Despite my efforts, I have been unable to match the percentages reported in the final survey report. Below is my STATA code:

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

*Any sterilization equipment

```
gen ster=0
```

```
replace ster=1 if (q201==1 | q201==2) & ((q501a_1==1 & q501b_1==1) | (q501a_3==1 & q501b_3==1) | (q501a_6==1))
```

```
tab ster [iw=wgt]
```

**Safe final disposal of sharp waste

```
recode sharpwaste 9=.
```

```
recode sharpwaste (1=1 "available") (0=0 "not available"), gen (swaste)
```

```
label variable swaste "Safe final disposal of infectious waste"
```

```
tab swaste [iw=wgt],m
```

**Safe final disposal of healthcare waste

```
recode medwaste 9=.
```

```
recode medwaste (1=1 "available") (0=0 "not available"), gen (mwaste)
```

```
label variable mwaste "Safe final disposal of infectious waste"
```

```
tab mwaste [iw=wgt],m
```

***Appropriate storage of healthcare waste

```
recode medstore 9=.
```

```
recode medstore (1=1 "available") (0=0 "not available"), gen (mstore)
```

```
label variable mstore "Appropriate storage of infectious waste"
```

```
tab mstore [iw=wgt],m
```

***IP and health care waste management guidelines

```
gen guide=0
```

```
replace guide=1 if q610==1 & q611==1
```

```
tab guide [iw=wgt]
```

***Appropriate storage of sharp waste

```
recode sharpstore 9=.
```

```
recode sharpstore (1=1 "available") (0=0 "not available"), gen (sstore)
```

```
label variable sstore "Appropriate storage of infectious waste"
```

```
tab sstore [iw=wgt],m
```

***Equipment for high level disinfection (HLD)

```
recode hldequip 9=.
recode hldequip (1=1 "available") (0=0 "not available"), gen (hilvldis)
label variable hldequip "Equipment for high level disinfection (HLD)"
tab hldequip [iw=wt],m
```

Additionally, I have a query regarding the variable "Improved water source" in the Haiti SPA 2017-18 dataset. Here is the STATA code I used, but the percentages do not match the report (Table 3.3):

```
gen water=0
replace water=1 if inlist(q330,1,2,10) | (inlist(q330,3, 4, 5, 7, 9) & inlist(q331, 1, 2))
tab water [iw=wt]
label var water "improved water source"
tab water [iw=wt],m
```

Could you please provide guidance on the correct steps to create these variables? Specifically, I am interested in understanding the criteria and coding used to derive these variables to ensure they align with the percentages reported in the final documents.

Many thanks
