
Subject: Re: Creating some variables

Posted by [SaraDHS](#) on Tue, 31 Aug 2021 13:20:42 GMT

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Dear ashraf,

The definition provided in the footnotes is:

Facility reports that some instruments are processed in the facility, and the facility has an electric pot or other pot with heat source for high-level disinfection by boiling or high-level disinfection by steaming, or else facility has chlorine, formaldehyde, CIDEX, or glutaraldehyde for chemical high-level disinfection available somewhere in the facility on the day of the survey.

Let's look at the dataset, questionnaire and your code:

```
replace hllds=1 if (q201==1 | q201==2)    /// Facility reports that some instruments are
processed in the facility. Good, this is correct.
& ((q501a_3==1 & q501b_3==1)            /// As described in the questionnaire, q501a_3 and
q501b_3 are asking about an electric dry heat stabilizer. This is not included in the definition. An
electric pot, boiler, or steamer is q501a_4.
| (q501a_5==1 & q501b_5==1) | (q501a_6==1) | /// Again, look at the questionnaire and the data
set and correct your code. Does q501_5 have both a and b? Is the definition saying "facility has
functioning other pot OR heat source"? Because that is what your code is telling Stata.
inrange (q502g_5,3,5))                  ///If you use q502g you need to also use q501a_9, which
says that the facility uses any chemicals for HLD, then define which chemicals fall within the
definition.
```

If you correct your code according to the definition and the dataset, you will get the same % as in the final report.

Best,
Sara
