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 hlvlds=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