

8. Boxes of cereal are labeled as weight equal to 14 oz.

A random sample of 12 boxes are weighed

14.02	13.97	14.11	14.12	14.10	14.02
14.15	13.97	14.05	14.04	14.11	14.12

find the sample mean & sample std. dev.

construct a 98% confidence interval for the mean

Is there reason for concern? Why or why not?