1. Chart, histogram

   Description automatically generated

Chart, box and whisker chart

Description automatically generated  
  
Based on the histograms and boxplots, we can see that the distribution of BMI in the sample is similar to that of the population. The 98th percentile of BMI in the population is 47.526 and in the sample is 43.896. The difference is very less and both values are within same range.

Text, letter

Description automatically generated

Graphical user interface, text

Description automatically generated