# Dataset: Sugar Consumption

To find the **average**, or the mean, of a set of data you would add all of the numbers and divide by the number of items in the set.

To find the **range** of a dataset, you would subtract the smallest value from the largest value in the set.

There is not a built-in function for determining the average (mean) or the range of each list. However, you are able to use the functions we’ve learned about to compute these values.

Answer the following questions using the functions max(), min(), sum() and len().

1. Compute and print the average amount of sugar consumed in 2010.
2. Compute and print the range of the 1990 sugar consumption list.
3. Compute and print the average amount of sugar consumed *in total* using all of the values in the four sugar consumption lists.

*Challenge:* Determine the average amount of sugar consumed by the United States in the four decades shown.

*Extend:* What do these findings tell you about sugar consumption?