

Which Average – Mean or Median?

Here is the data on the annual incomes of my family members:

Amy:	50 000
Bob:	60 000
Carly:	60 000
Dale:	70 000
Ebola:	110 000

1. Find the mean of this data.
2. Find the median of this data.

Ebola has won half a million dollars in a lottery! Here is the list of incomes now:

Amy:	50 000
Bob:	60 000
Carly:	60 000
Dale:	70 000
Ebola:	610 000

2. Calculate the new mean and the new median.
3. Ebola's new income, \$610 000, is called an **outlier**. What do you think an outlier is?
4. Which income best describes the incomes, the mean or the median? Explain.