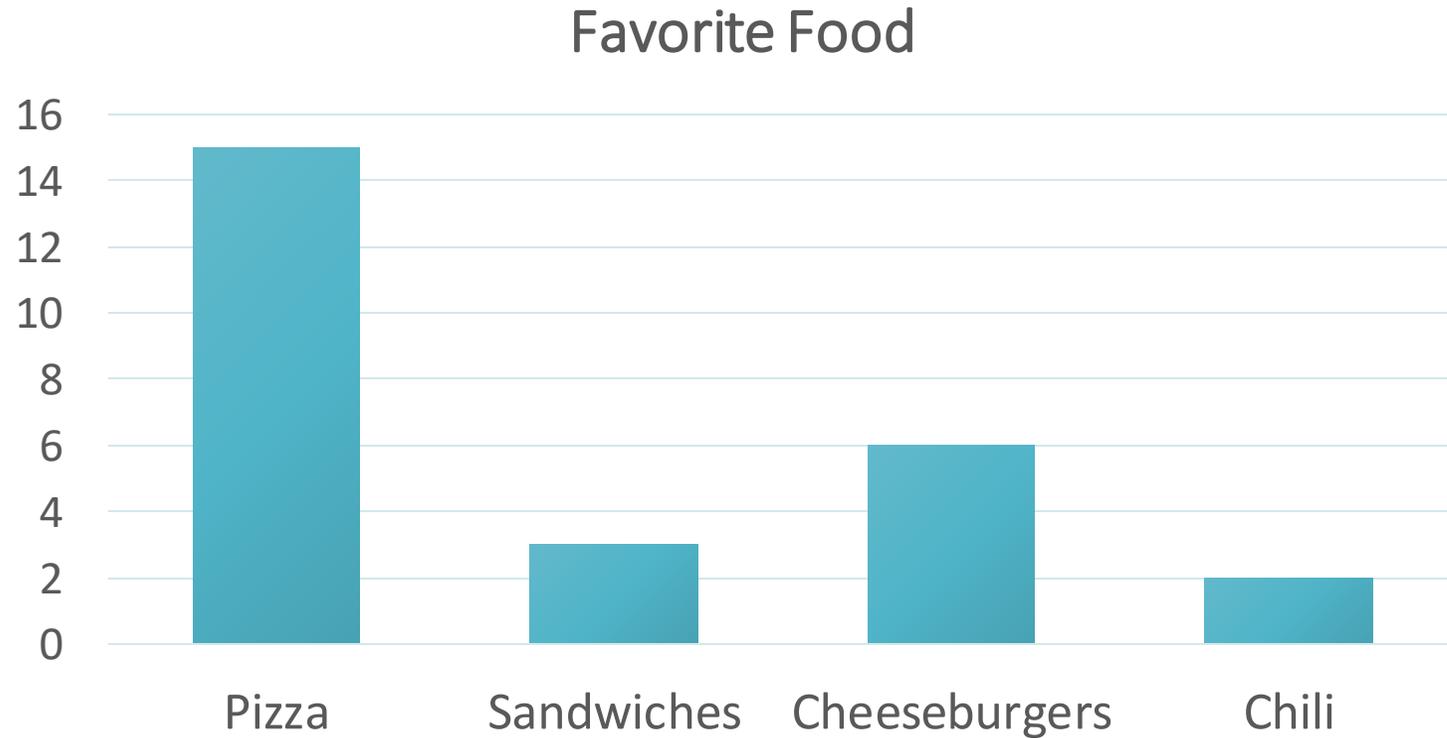


Data Display

A review

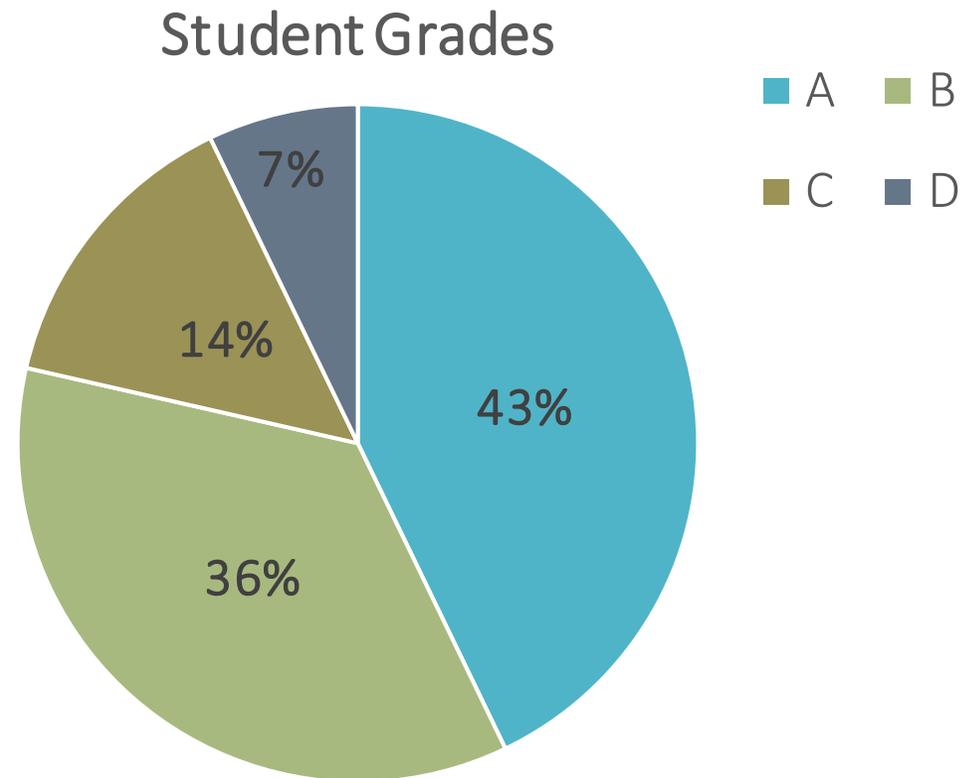
Bar Graph

Shows data in specific categories



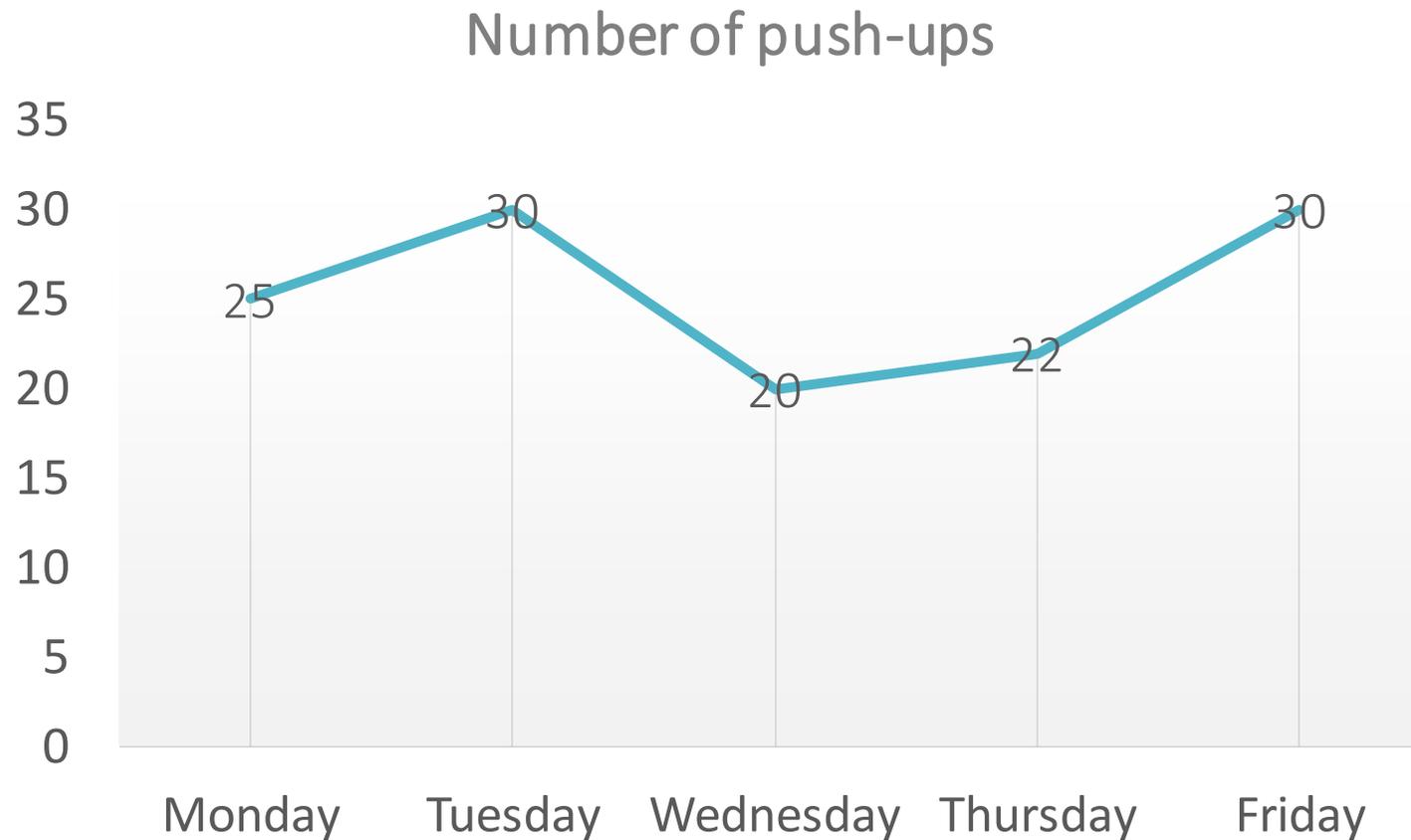
Circle Graph

Shows data as parts of a whole



Line Graph

Shows how data change over time



Histogram

Shows frequencies of data values in intervals of the same size



Stem-and-Leaf Plot

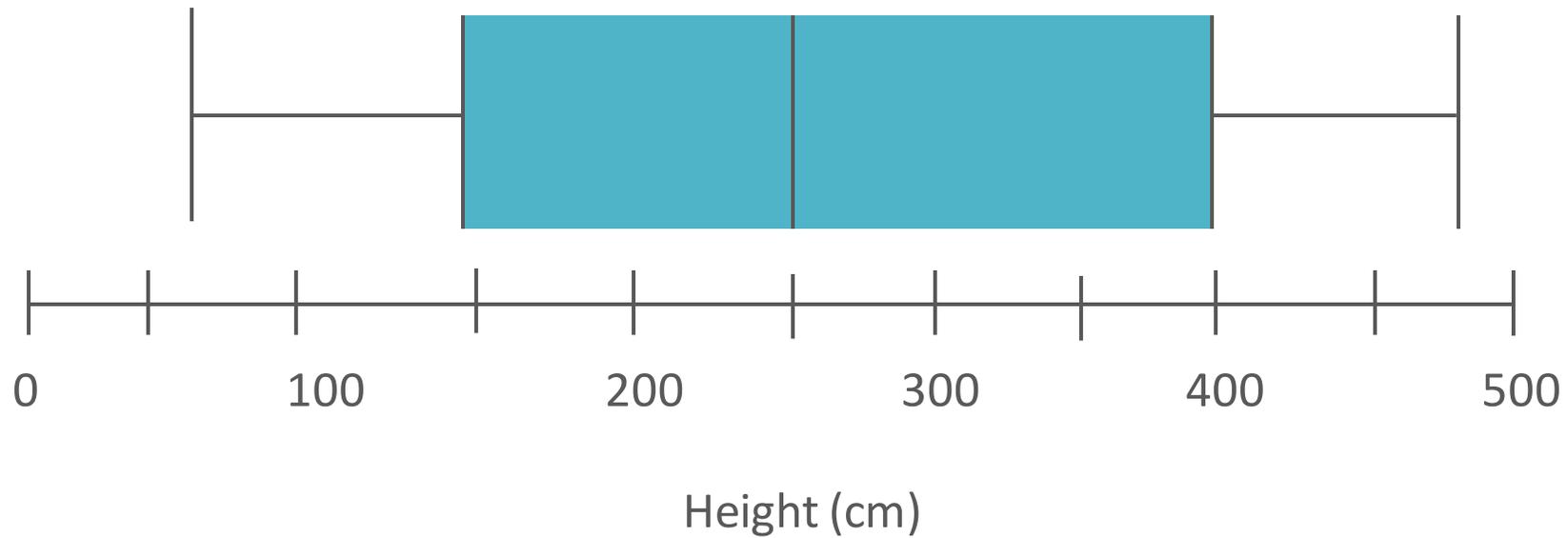
Orders numerical data and shows how they are distributed

Race Running Times in Seconds

Stem	Leaf
12	2 6
13	0 2 5
14	1 2 4 6
15	2 3 7 8
16	1 2 4 6 8
17	5 7 8

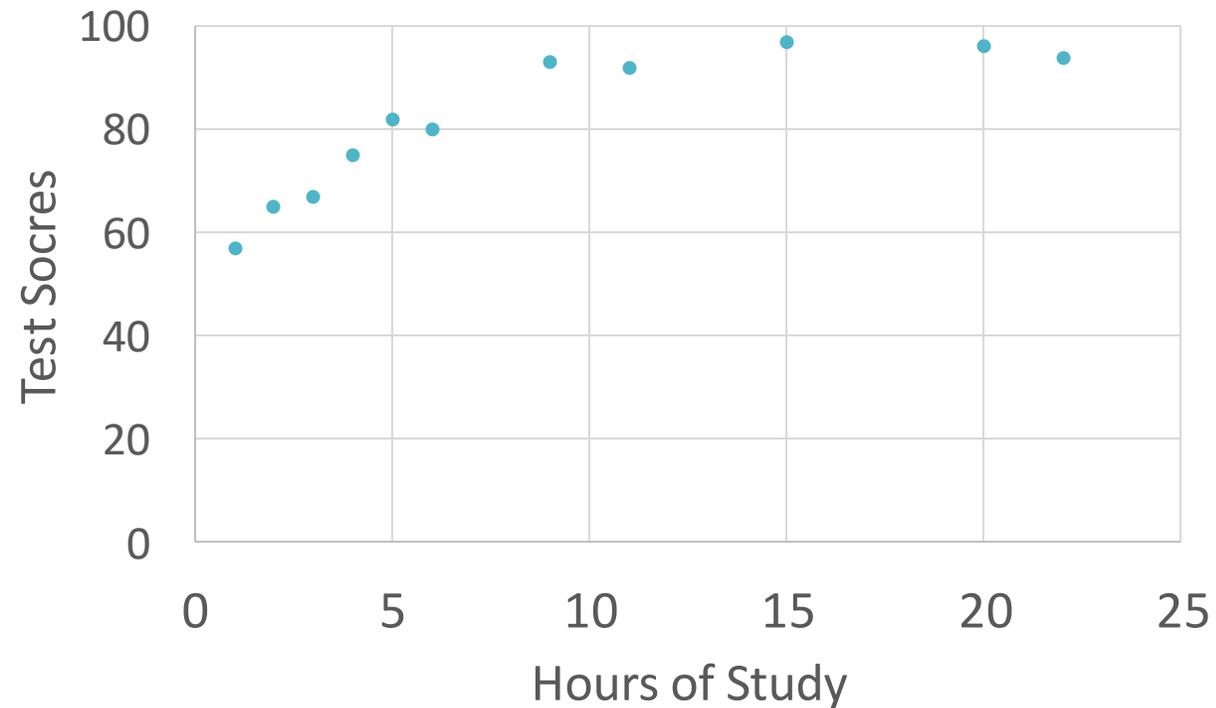
Box-and-Whisker Plot

Shows the variability of a dataset using quartiles



Scatter Plot

Shows the relationship between two datasets using ordered pairs in a coordinate plane



Choosing the right data display is important! It helps us to make better decisions when data are displayed correctly.

Today we'll practice choosing the a data display using data from Snapshot Wisconsin.



SNAPSHOT
W I S C O N S I N

A partnership to monitor wildlife year-round, using a statewide network of trail cameras

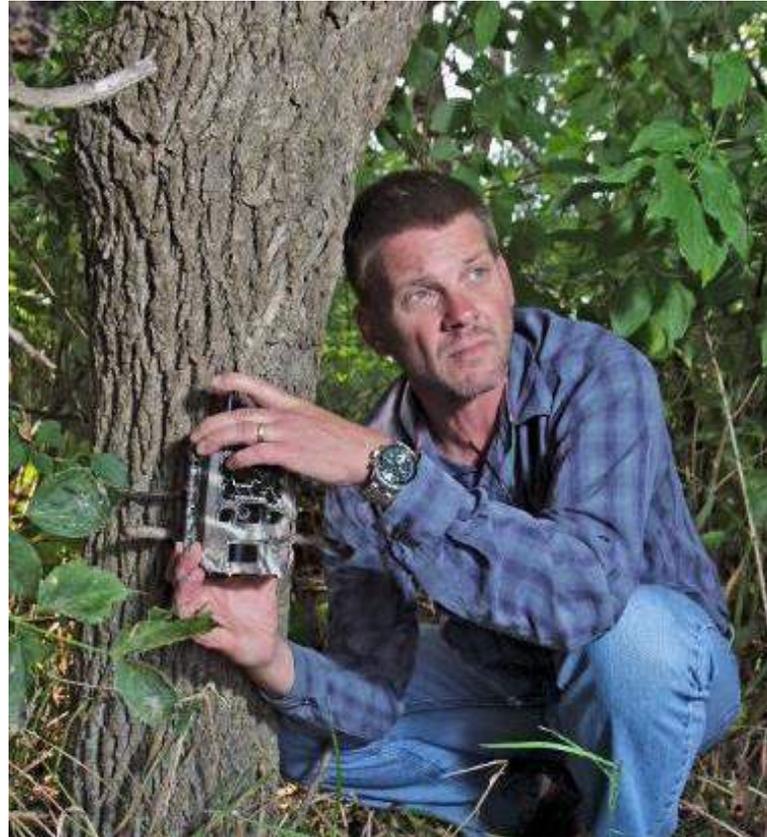


Trail cameras

Trail cameras are motion triggered cameras that biologists used to study wildlife.

They automatically take pictures when an animal walks in front of the camera.

Two Ways to Participate in Snapshot



1. Host a trail camera on your property
2. Help identify animal in the photos online

What they're seeing...









































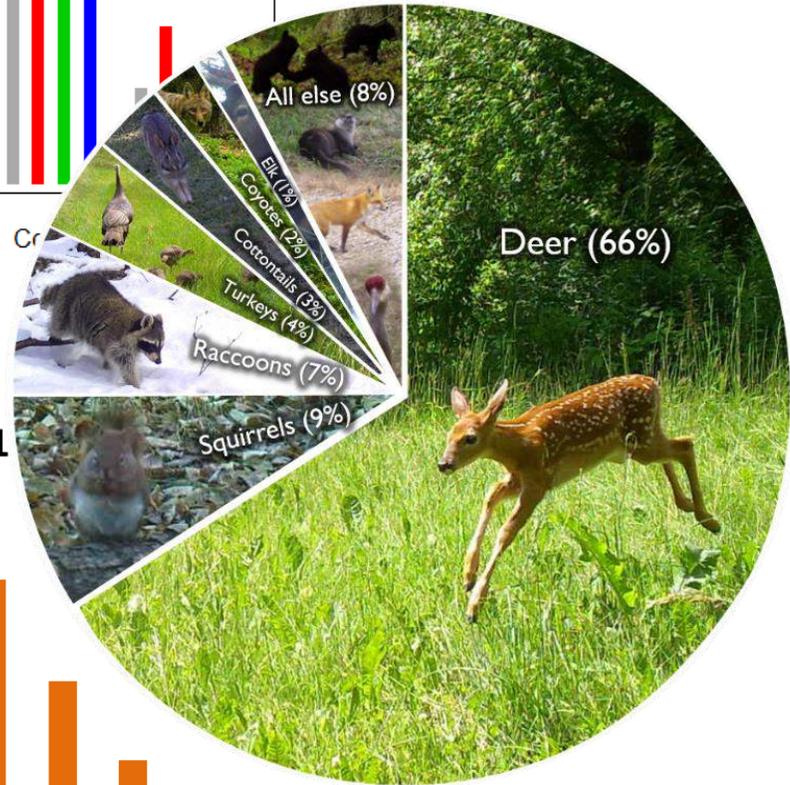
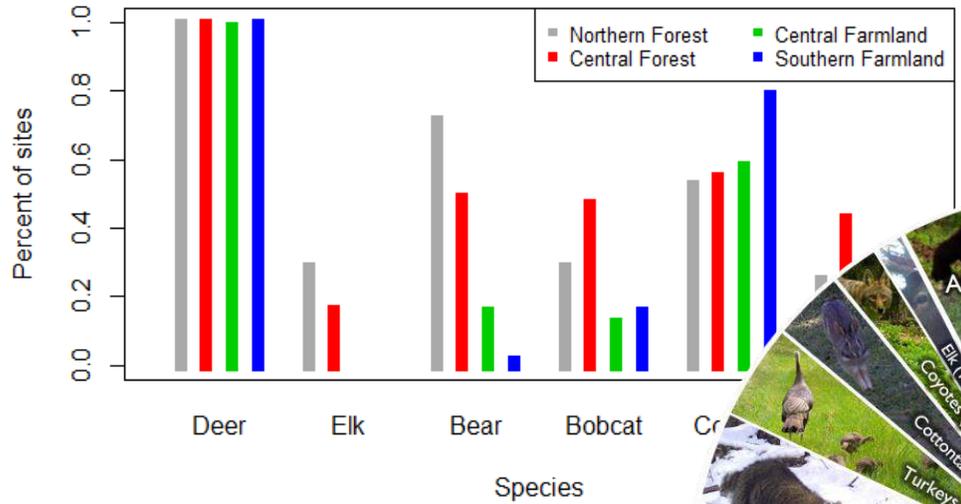




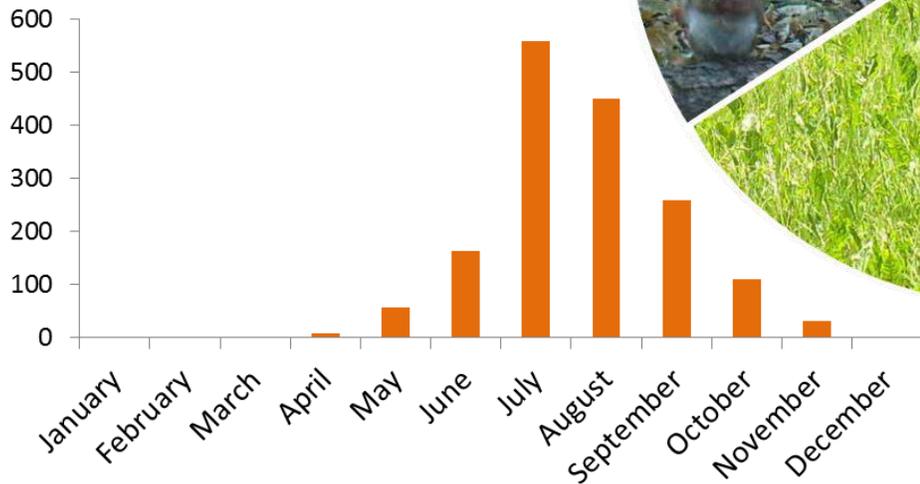




Presence of wildlife at camera sites



Black bear sightings, 2011



Using photos as data

Pictures are used to help biologists understand where and when wildlife are found across the state.