

## Center and Spread of Data

**Find the mode, median, mean, lower quartile, upper quartile, interquartile range, and population standard deviation for each data set.**

- 1) Test Scores
- |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|
| 37 | 42 | 48 | 51 | 52 | 53 | 54 |
| 54 | 55 |    |    |    |    |    |

- 2) Mens Heights (Inches)
- |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|
| 62 | 64 | 69 | 70 | 70 | 71 | 72 |
| 73 | 74 | 75 | 77 |    |    |    |

- 3) Age Assumed Office

Senator	Age
Patrick Leahy	34
Mark Pryor	39
Brian Schatz	40
John Thune	43

Senator	Age
Carl Levin	44
Rand Paul	47
John Cornyn	50

Senator	Age
Tammy Baldwin	50
Barbara Boxer	52
Claire McCaskill	53

Senator	Age
John Barrasso	54
Kay Hagan	55
Jerry Moran	56

Senator	Age
Mike Johanns	58
John Boozman	60
Jim Risch	65

- 4) Sales Tax

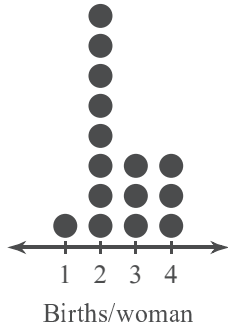
State	Percent
Colorado	2.9
Louisiana	4
Wyoming	4
Oklahoma	4.5
North Dakota	5

State	Percent
New Mexico	5.125
Maine	5.5
Florida	6
Idaho	6

State	Percent
Maryland	6
South Carolina	6
Kansas	6.15
Massachusetts	6.25

State	Percent
Washington	6.5
Indiana	7
New Jersey	7
Rhode Island	7

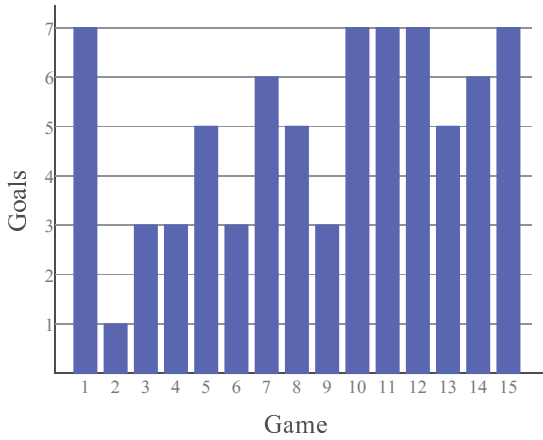
5) Birth Rate by Country



6) Length of Book Titles

# Words	Frequency
2	6
3	3
4	3
5	2
6	2

7) Goals in a Hockey Game

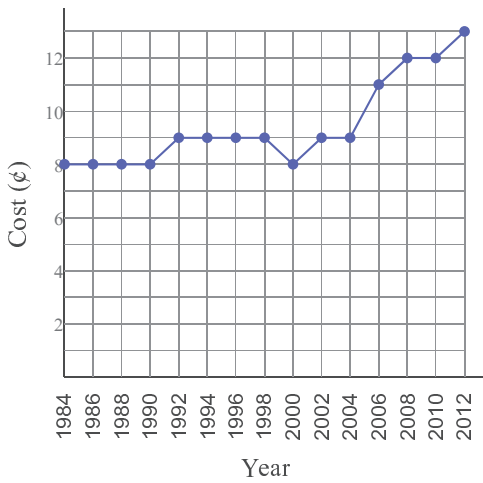


8) Boiling Point (°C)

Stem	Leaf
0	1 2 3 3 3 8 9
1	8
2	2 4 9 9
3	2 3 8
4	8

Key: 1|8 = 1,800

9) Cost of Electricity, per kWh



10) European Spacecraft Launches

