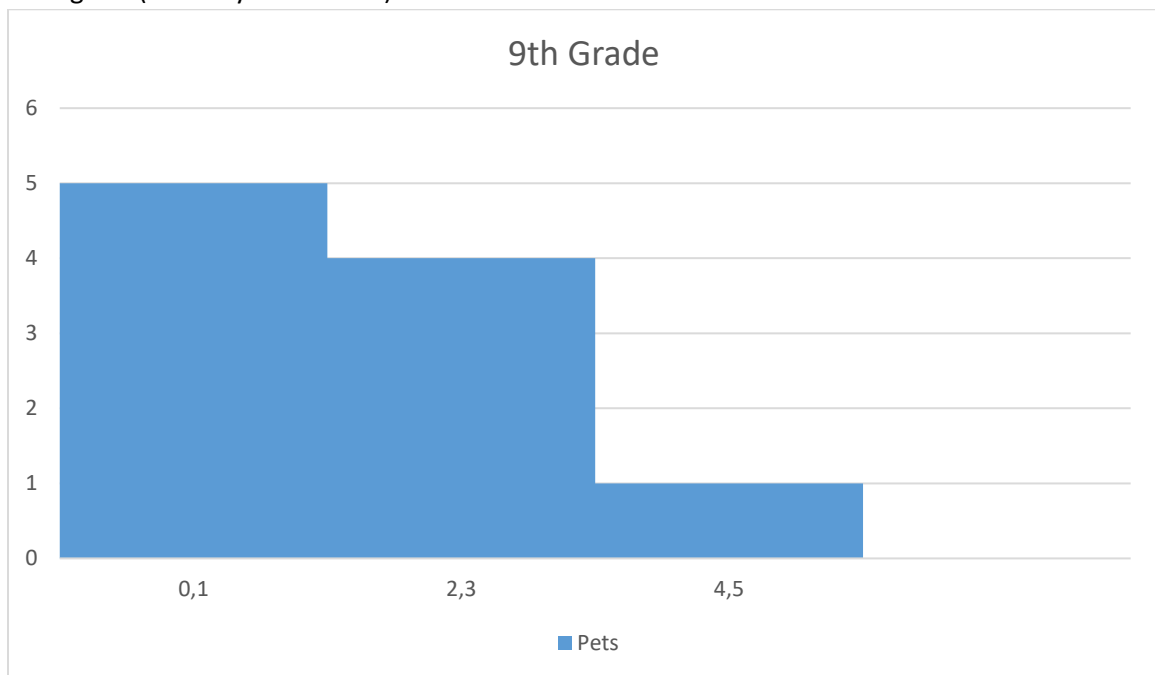


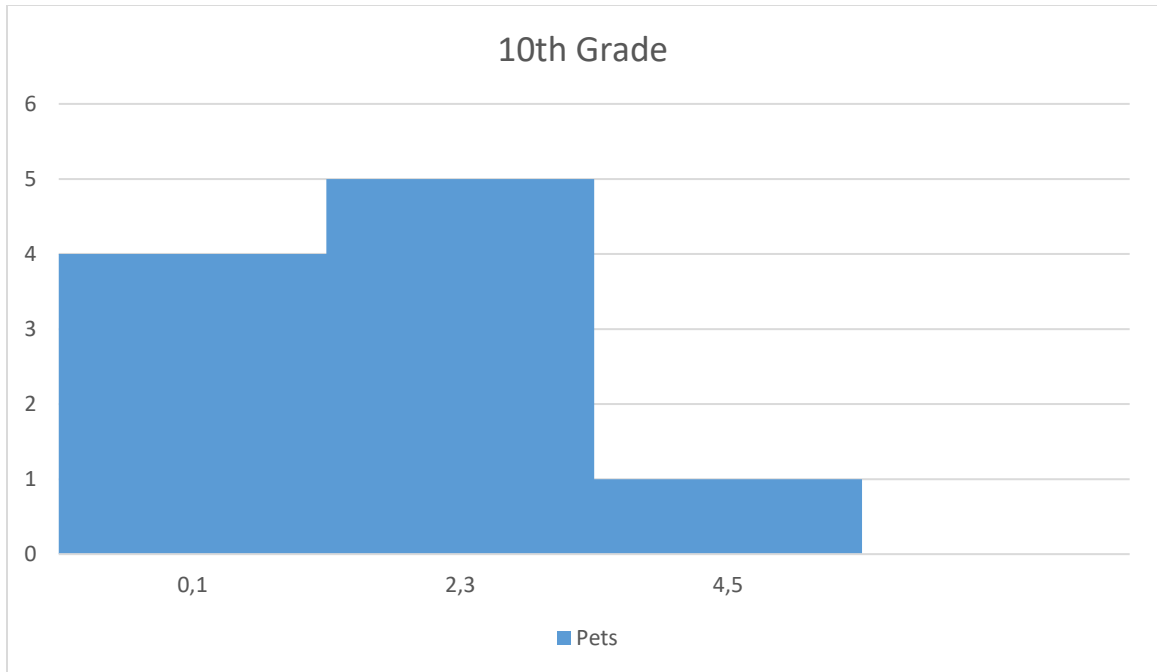
Survey Project

1. Survey Link: <https://www.surveymonkey.com/r/GQV7NCK>
2. Questions:
 - a. What grade are you in?
 - i. 9th
 - ii. 10th
 - b. How many pets do you own?
 - i. Slider from 1-10
3. 2-Frequency Table

Number of Pets	Grade			Total
	9 th	10 th		
0	3	1		4
1	2	3		5
2	3	4		7
3	1	1		2
4	0	1		1
5	1	0		1
Total	10	10		20

4. Histogram (One of your choices)





**Include mean, median, range, IQR, Standard deviation for each group.

9th

	9 th	10 th
Mean	1.5	1.8
Median	1.6	2
Range	5	4
IQR	2	1
Standard Deviation	1.5	1.1

Choose another type of distribution graph (one of your other 2 choices)

5. Data Interpretation

Compare the measures of center (mean and median)

Compare the measure of spread (range, IQR, standard deviation)

The mean and median is higher for 10th graders. On average 9th graders have 1.5 pets, while 10th graders have 1.8 pets.

This decimal doesn't make sense for pets

The range, IQR, and standard deviation are higher for 9th graders. The 9th grade data is more spread out than the 10th grade data.