

Lilly Leiran

StatCrunch2

Summary statistics:

| Column | n | Mean | Variance | Std. dev. | Std. err. | Median | Range | Min | Max | Q1 | Q3 |
|--------|----|-----------|-----------|-----------|------------|--------|-------|-----|-----|----|----|
| CITY | 21 | 20.666667 | 14.433333 | 3.7991227 | 0.82903654 | 20 | 14 | 15 | 29 | 18 | 23 |

Summary statistics:

| Column | n | Mean | Std. dev. | Median | Range | Min | Max | Q1 | Q3 | IQR |
|--------|----|-----------|-----------|--------|-------|-----|-----|----|----|-----|
| CITY | 21 | 20.666667 | 3.7991227 | 20 | 14 | 15 | 29 | 18 | 23 | 5 |

Mode: 19

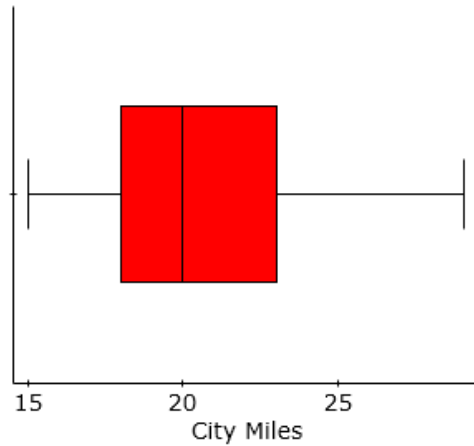
Outliers: 15, 27, 29

Lower fence: $23 - 18 = 5$ $5 * 1.5 = 7.5$ $18 - 7.5 = \underline{10.5}$

Upper Fence: $23 - 18 = 5$ $5 * 1.5 = 7.5$ $23 + 7.5 = \underline{30.5}$

Miles Per Gallon - City

Gallons



Summary statistics:

| Column | n | Mean | Std. dev. | Median | Min | Max | Q1 | Q3 | IQR |
|-------------------|----|-------|-----------|--------|-----|-----|----|----|-----|
| Tobacco Use (sec) | 50 | 57.44 | 103.9967 | 5.5 | 0 | 548 | 0 | 74 | 74 |

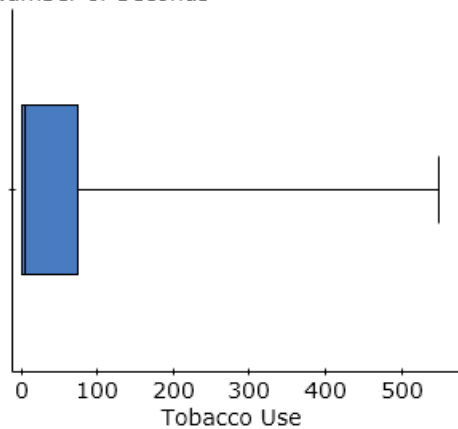
Mode: 0

Outliers: 548

Lower Fence: $74 - 0 = 74$ $74 * 1.5 = 111$ $0 - 111 = \underline{-111}$

Upper Fence: $74 - 0 = 74$ $74 * 1.5 = 111$ $74 + 111 = \underline{185}$

Tobacco Use in Animated Movies
Number of Seconds



There is not much tobacco use in most animated movies but a few have a lot.