

Pricing and Usage Characteristics of Railroad Parking Lots I-95 Corridor, Lower Fairfield County, CT

Presented by Ryan Williams

Professor Oskar Harmon's Contemporary Problems in Economics Class, Fall 2015

Project by Ryan Williams, Patrick Gill, and Robert Roig III

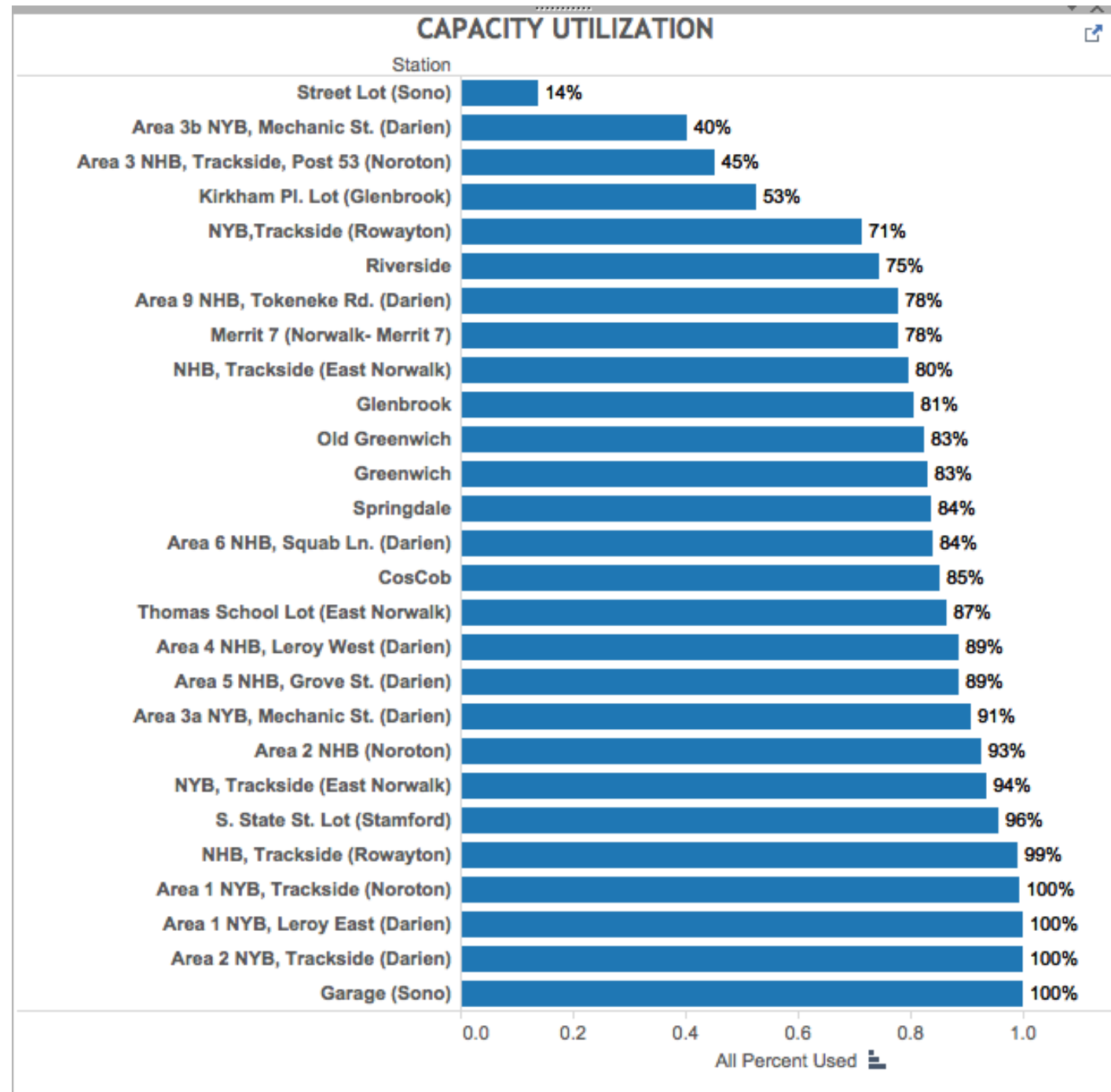
Lack of open parking spots

88% of spaces are in use

1141 empty spaces out of 9531 total

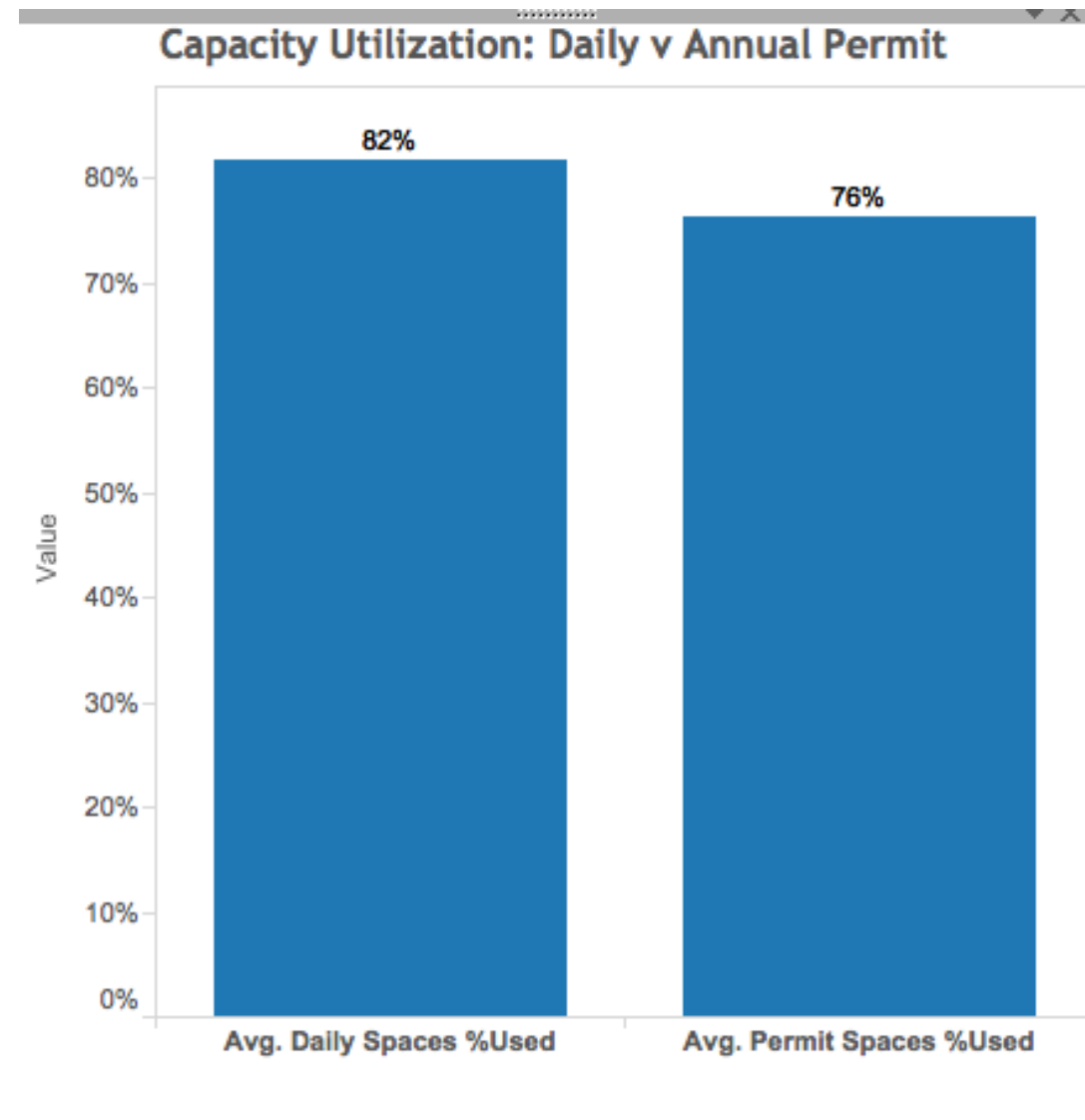
Car Pool Spaces?

Shuttle Buses from outlying unused parking at shopping malls etc?



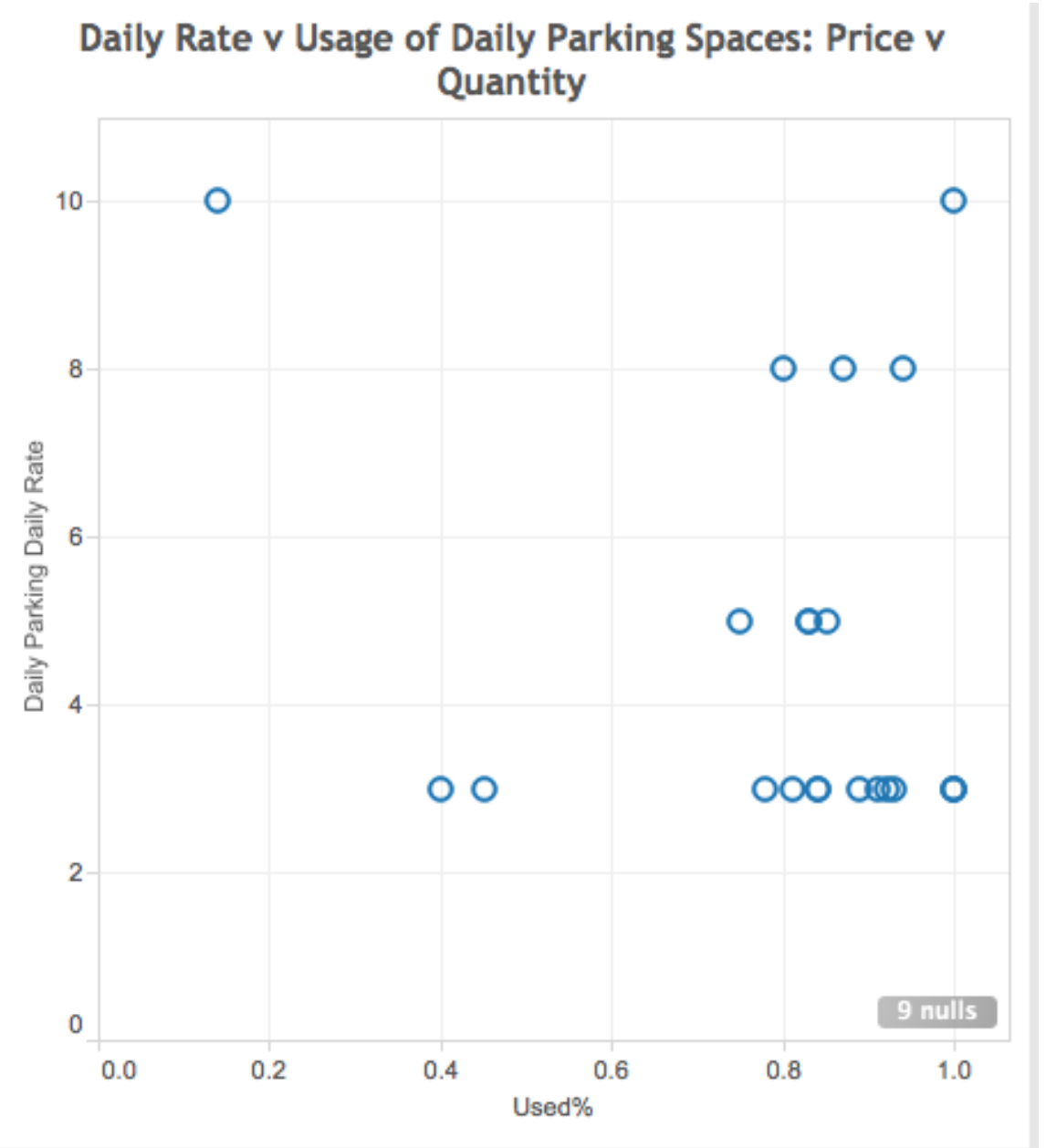
Lack of Open Spaces

- Few daily parking spots compared to permit spots
- Possible over-issuance of parking permits



Problem: Prices

- Price varies between cities
- Does not serve as a signal to ration spaces
- Demand Curve is vertical



What does our visualization show?

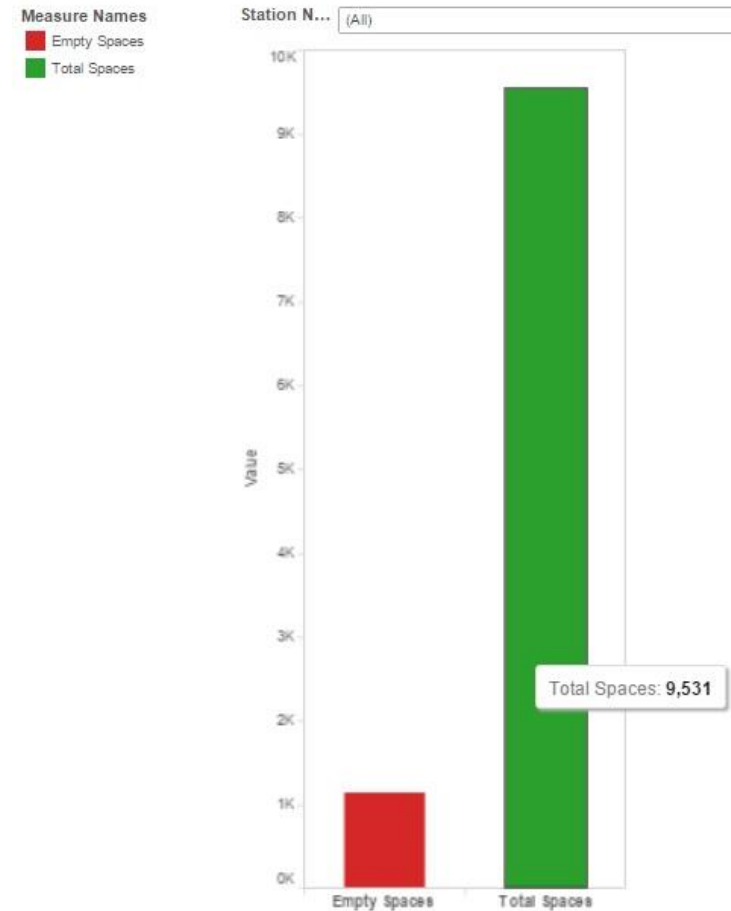
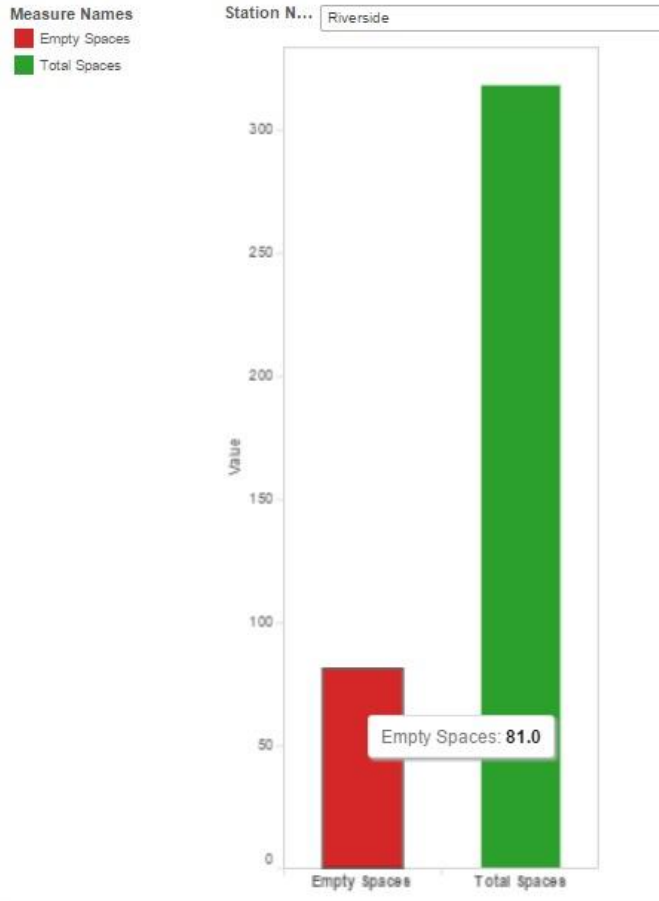
- Total parking spaces compared to empty parking spaces of the Metro North Railroad, New Haven Line (Greenwich-Westport)
 - Sort the data by specific parking lot, or by the entire rail line
 - Visualization makes it clear which lots have capacity problems

Our visualization:

[Pricing and Usage Characteristics of Railroad Parking Lots Along I 95 Corridor, Lower Fairfield County, CT](http://blogs.lib.uconn.edu/outsidetheneatline/2015/12/21/pricing-and-usage-characteristics-of-railroad-parking-lots-along-i-95-corridor-lower-fairfield-county-ct/)

<http://blogs.lib.uconn.edu/outsidetheneatline/2015/12/21/pricing-and-usage-characteristics-of-railroad-parking-lots-along-i-95-corridor-lower-fairfield-county-ct/>

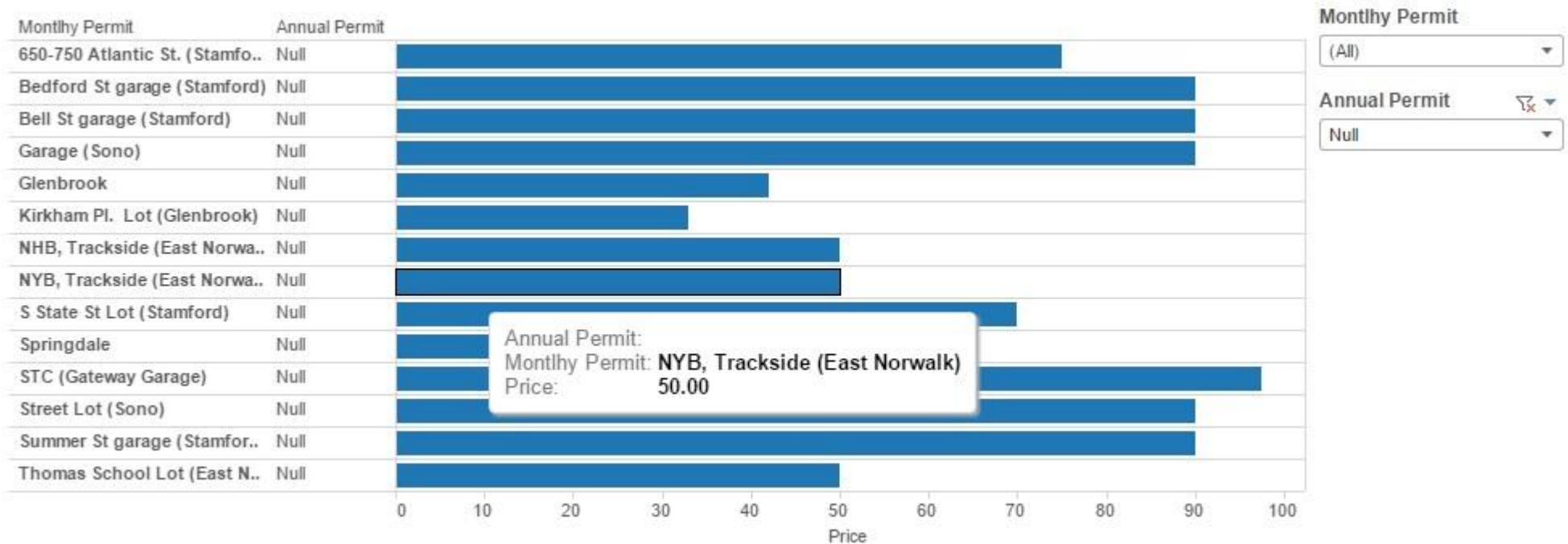
Available Parking Spaces



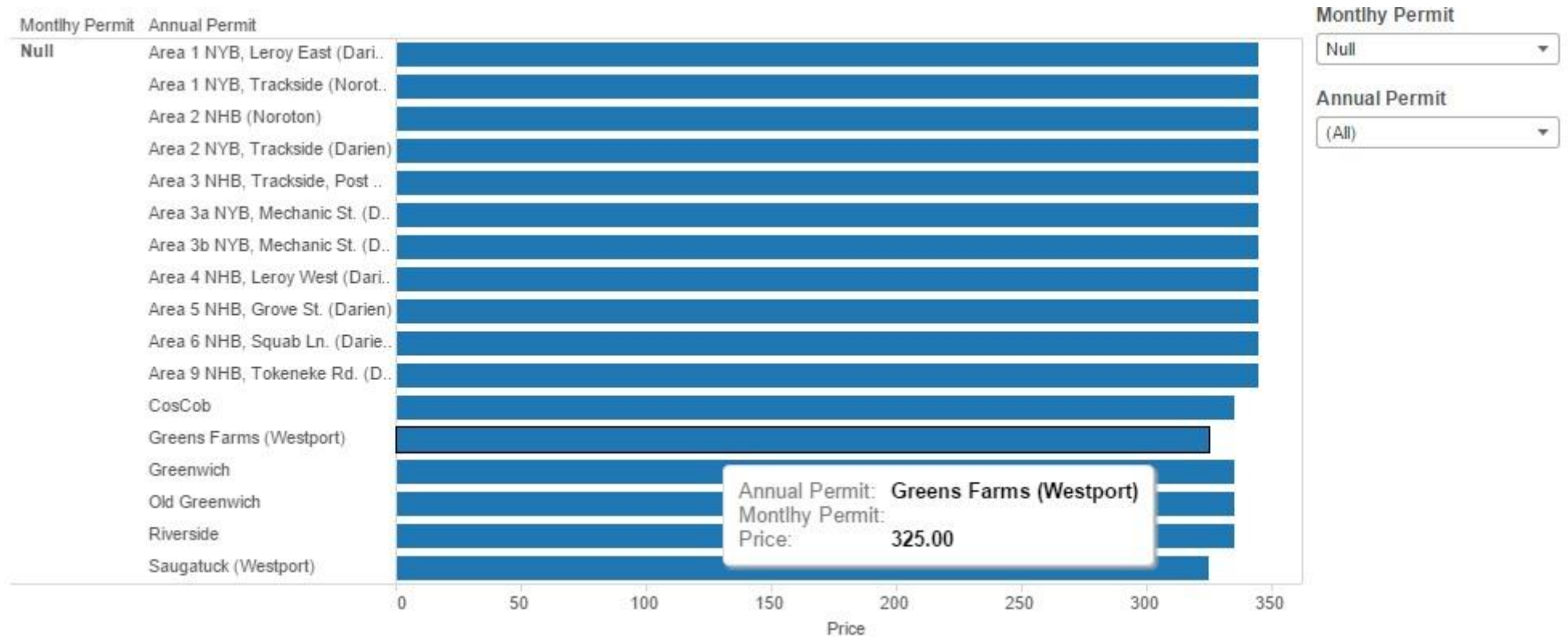
What does our visualization show?

- Parking Permit prices of each lot
 - Sort the table between monthly permits or annual permits
 - Compare prices side to side between cities on the New Haven line

Monthly Permit Price



Annual Permit Price



Data Visualization: Future Applications

- What other ways can data visualizations help understand Rail Road parking issues?
 - Compare parking permit wait lists times
 - Updated parking space availability visualization to help commuters
 - Compare daily parking availability to permit space availability
 - Purchase a space online from iPhone

END

- Our visualization:
- [Pricing and Usage Characteristics of Railroad Parking Lots Along I 95 Corridor, Lower Fairfield County, CT](#)
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