Future City Lab: New York City’s Trees
New York City Street Tree Map

- Result of the TreesCount! 2015-2016 census, in which 2,200 volunteers helped the city document every single street tree in the five boroughs.
- Not only maps locations, records species, and charts trunk sizes, but also uses U.S. government tool to help quantify the benefits that each tree offers.
- Why might that be important?
How do trees benefit New York City?

- Stormwater Interception
- Energy Conservation
- Air Pollutant Removal
- Carbon Dioxide Storage

What special conditions do trees need to survive in the city?

Source: flickr.com/erika_herzog
Let’s go to https://tree-map.nycgovparks.org together.

How many trees have been mapped on the New York City Street Tree Map?

How many species are represented?

What is the most common species of tree? What percentage is it of the total number of trees?

What are trees’ ecological benefits per year?
  - How much stormwater was intercepted? At what value?
  - How much energy was conserved? At what value?
  - How many air pollutants were removed per year? At what value?
  - How much carbon dioxide was reduced each year? At what value?
  - What is the total value of street trees to New York City each year?