

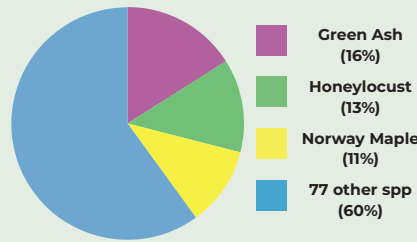
COMMUNITY TREE MAP INVENTORY

SPECIES DIVERSITY

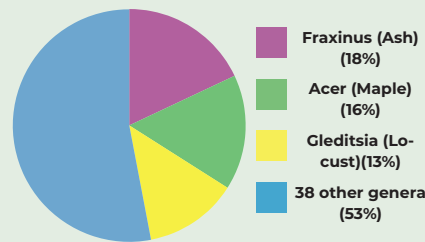
Species diversity is a very important, but often elusive, goal of community foresters. Having a diverse mix of species helps protect your forest from future pests and pathogens.

The charts to the right show the composition of the three most commonly planted species and genera in the community and state. The higher the percentage in the "other" category, the better. It is best practice to have many species and genera, but not large percentages of either.

BROWN DEER

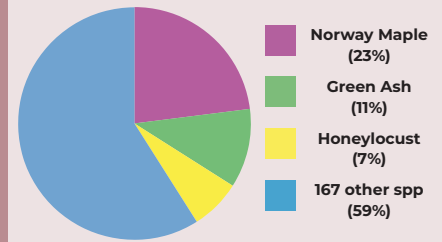


Species Diversity

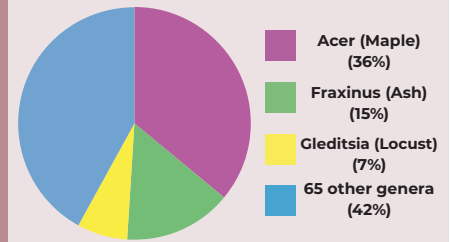


Genus Diversity

STATEWIDE**

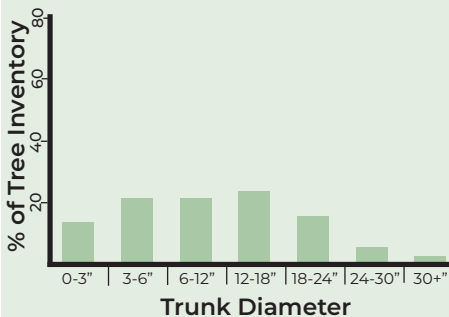


Species Diversity

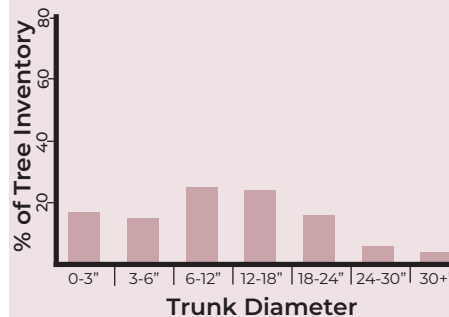


Genus Diversity

BROWN DEER



STATEWIDE**



SIZE DISTRIBUTION

It is important to manage a forest of mixed ages and sizes. Large trees generally provide more benefits than smaller trees, though a sustainable forest requires a significant percentage of small, young trees in order to replace the old. Charts to the left show the distribution of trees of different diameter classes, a common way of measuring tree size and estimating age.

URBAN FOREST BENEFITS***

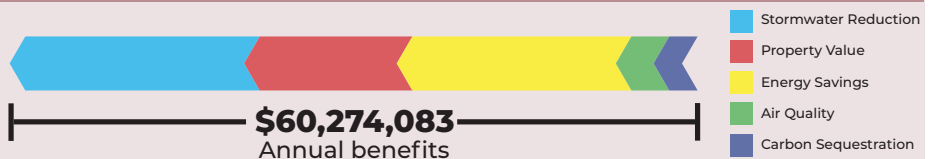
Trees are part of a community's infrastructure, providing valuable benefits:

- **Stormwater reduction:** Reduce amount and speed of rain on built infrastructure
- **Property value:** Add real estate value
- **Energy savings:** Cool buildings, reducing air conditioning costs, and block wind, reducing heating costs
- **Air Quality:** Remove pollutants from the atmosphere
- **Carbon sequestration:** Capture CO₂ from the atmosphere

BROWN DEER



STATEWIDE**



*Trees incorporated into the Wisconsin Community Tree Map (pg-cloud.com/wisconsin). These are mostly street trees and do not represent all trees in a community.

**Of 694,863 trees incorporated into the WCTM.

***Derived from i-Tree Streets, part of the U.S. Forest Service's i-Tree suite of software calculating the value of ecosystem and infrastructural benefits of trees.

For more information on urban forest composition, visit: pg-cloud.com/wisconsin

The information shown on this sheet has been obtained from various sources, and is of varying age, reliability and resolution.



Date: 8/28/2018