



# Content *overview*

Tree Population 

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Species Diversity 

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Species Ranking 

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# 64,229

Count of trees (Population Size)

# 28

Count of NTAs with tree data

## Distribution of Manhattan Trees



Tree Population

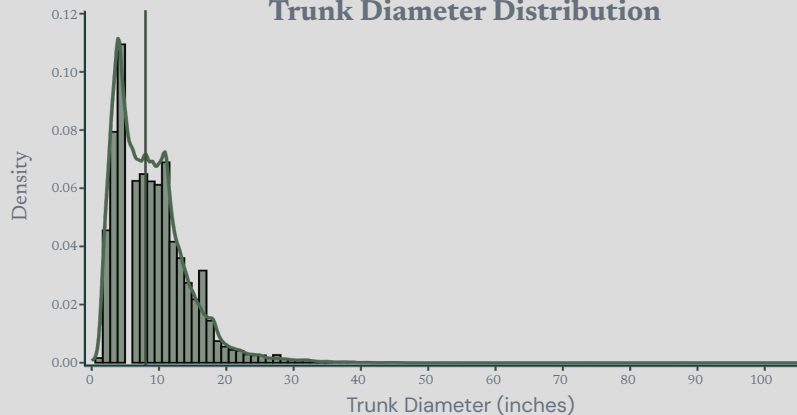
# 8.0 in

Median trunk diameter at breast height (DBH)

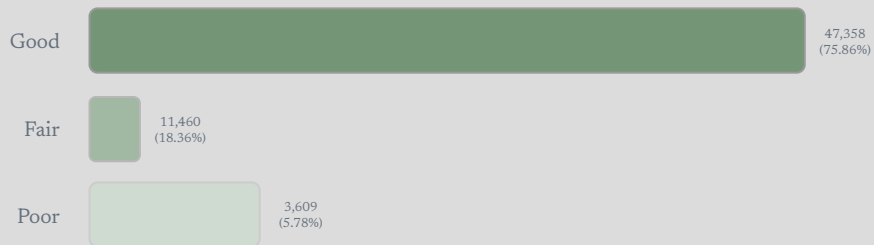
# 87.5%

Overall Health Index (HI)

Trunk Diameter Distribution



Health Status Distribution



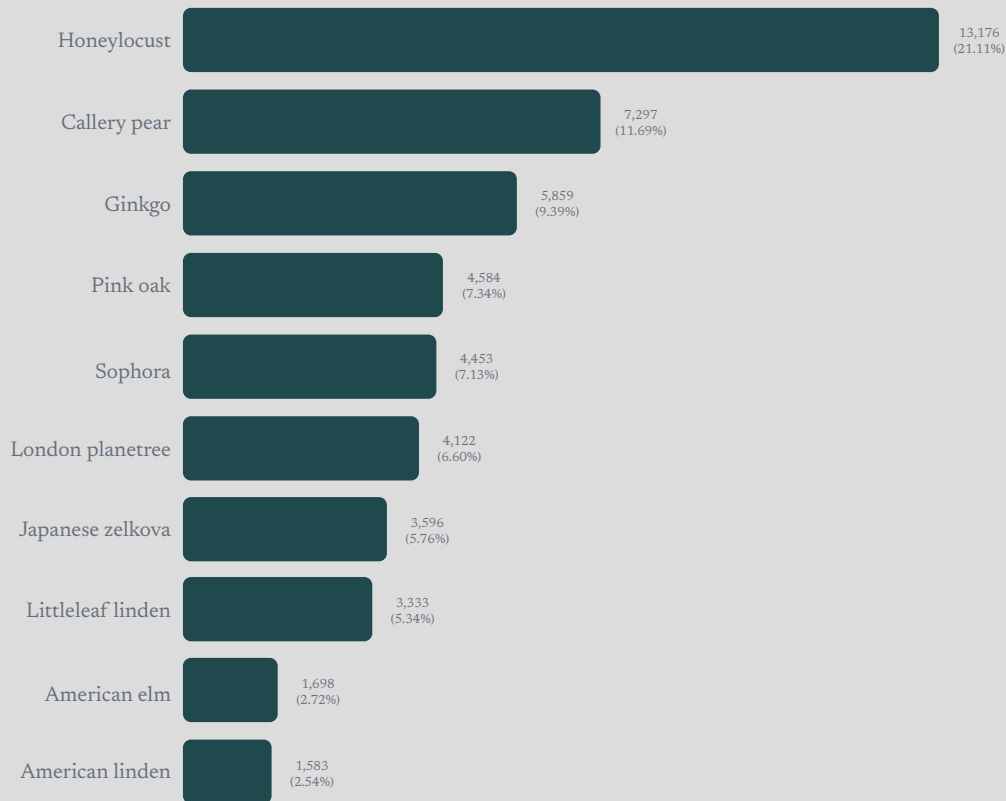
# 62,428

Count of trees with identified common names

# 128

Count of unique species (Richness)

## Top 10 Most Abundant Species



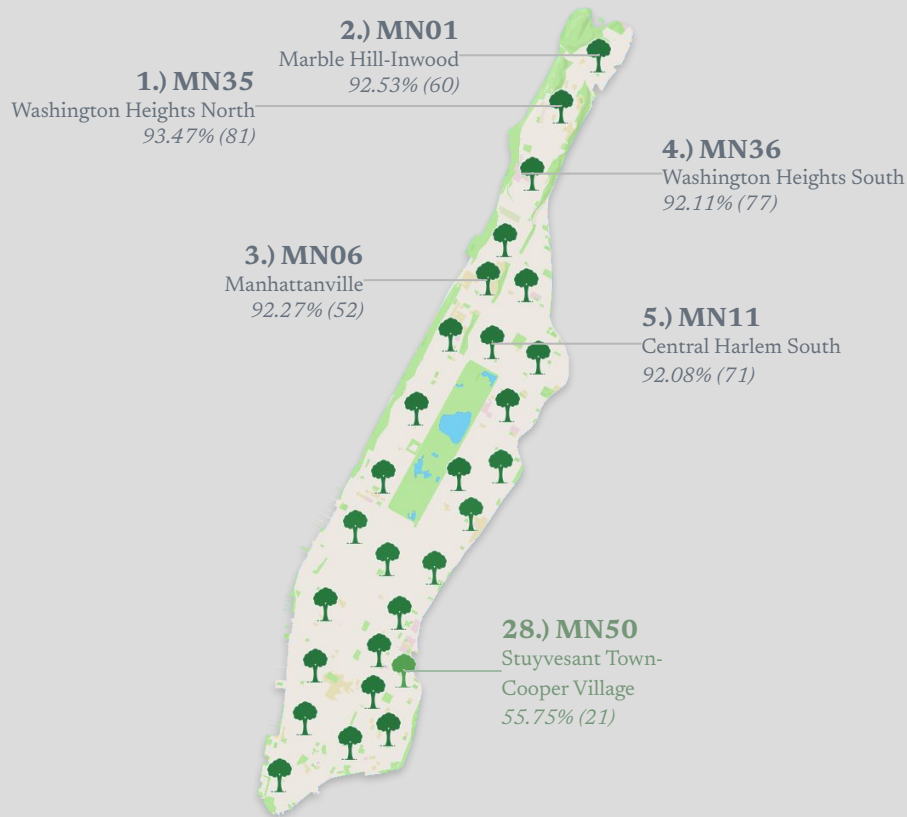
# 90.9%

Overall Simpson's Diversity Index (SDI)

# 128

Count of unique species (Richness)

## Biodiversity by Neighborhood



# MANHATTAN'S URBAN FORESTRY REPORT, 2015

A Borough-Wide and Neighborhood-Level Analysis of Tree Population and Species

## Top N Species

Rank Species with Abundance > 29, by Size & ...

- 1 **Siberian elm**
- 2 Willow oak
- 3 Honeylocust
- 4 Pin oak
- 5 American elm
- 6 Tree of heaven
- 6 White ash
- 8 Black locust
- 9 Black walnut
- 10 Sophora
- 11 Golden raintree
- 12 Sawtooth oak
- 13 Schumard's oak
- 14 Crab apple
- 15 Kentucky coffeetree
- 16 Green ash
- 17 Hawthorn
- 18 Chinese elm
- 19 Japanese zelkova
- 19 Shingle oak

Type N: 20

Median Trunk DBH  
(inches)

11.0

Health Index  
(HI)

93.2%

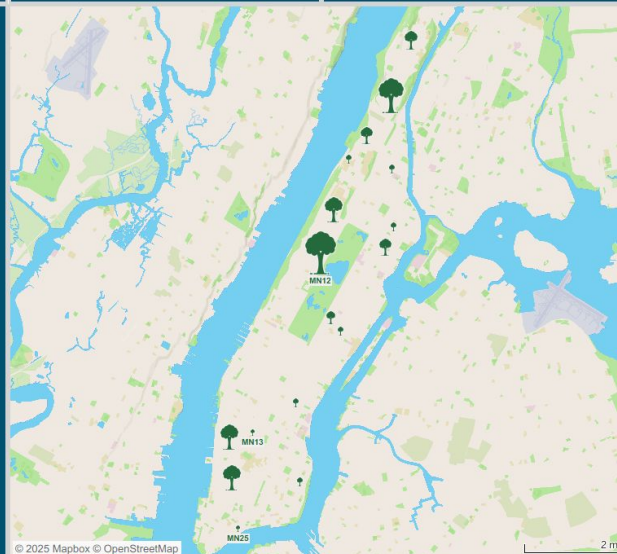
Tree Count  
(Abundance)

156

Species Count  
(Richness)

1

Species Performance Plot  
(Trunk Size vs. Health Index)



# LOCATION

High Area  
Low Tree Count  
Highly Similar Species

# SPECIES

Average/High Abundance  
Typically Large and  
Healthy