



Town of Bethlehem
Street Tree Inventory Results
Town Board Meeting | March 11, 2020



NEW YORK
STATE OF
OPPORTUNITY
Department of
Environmental
Conservation

Inventory Completed by Davey Resource Group



Inventory Results

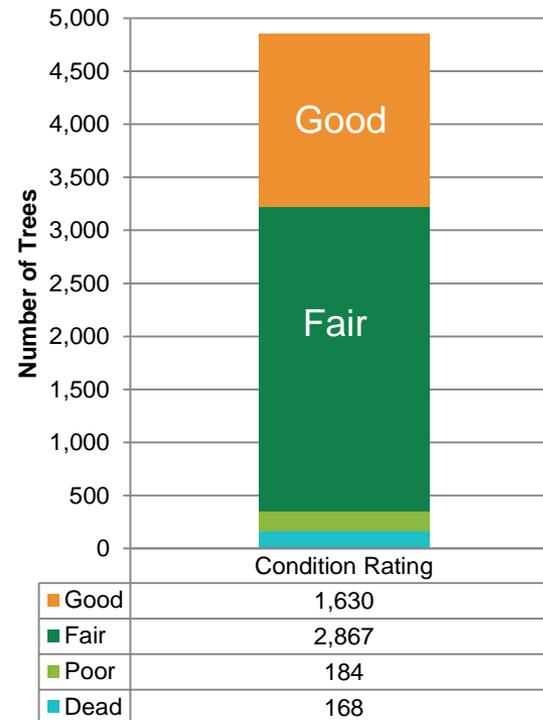
Davey Resource Group inventoried a total of 6,649 Sites:

- 4,824 Trees Identified (25 trees remain unknown)
- 149 Stumps
- 1,657 Available Planting Sites

110 Species representing 53 Genera

Top 5 Genera

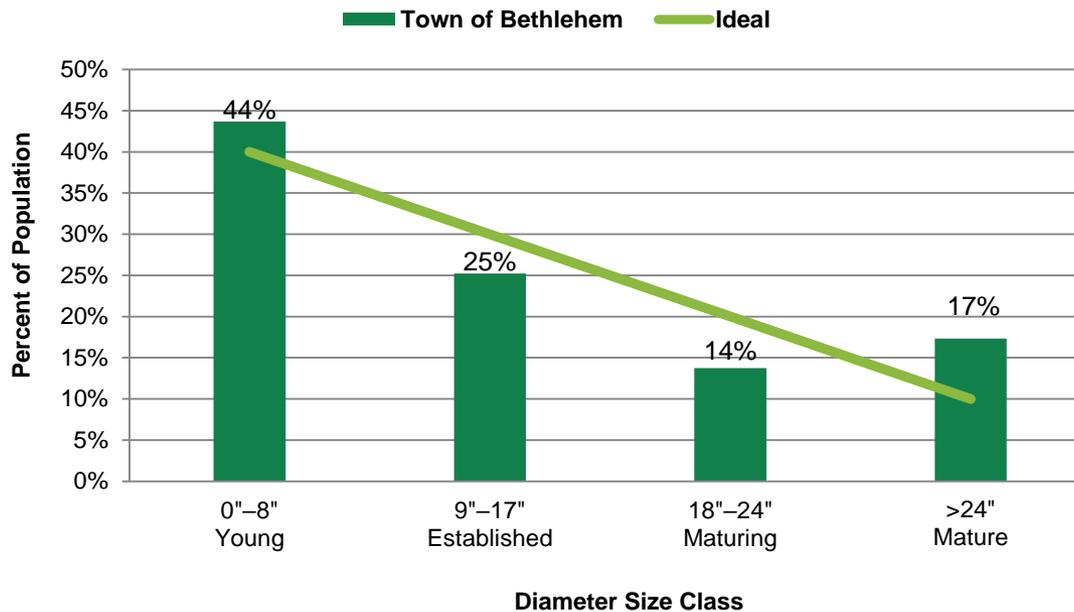
Common Name	Percent Trees Inventoried
Maple	31%
Spruce	11%
Ash	9%
Pine	9%
Apple	4%



Good Condition trees make up 34% of total inventory

Poor to Dead Condition trees only account for 7%

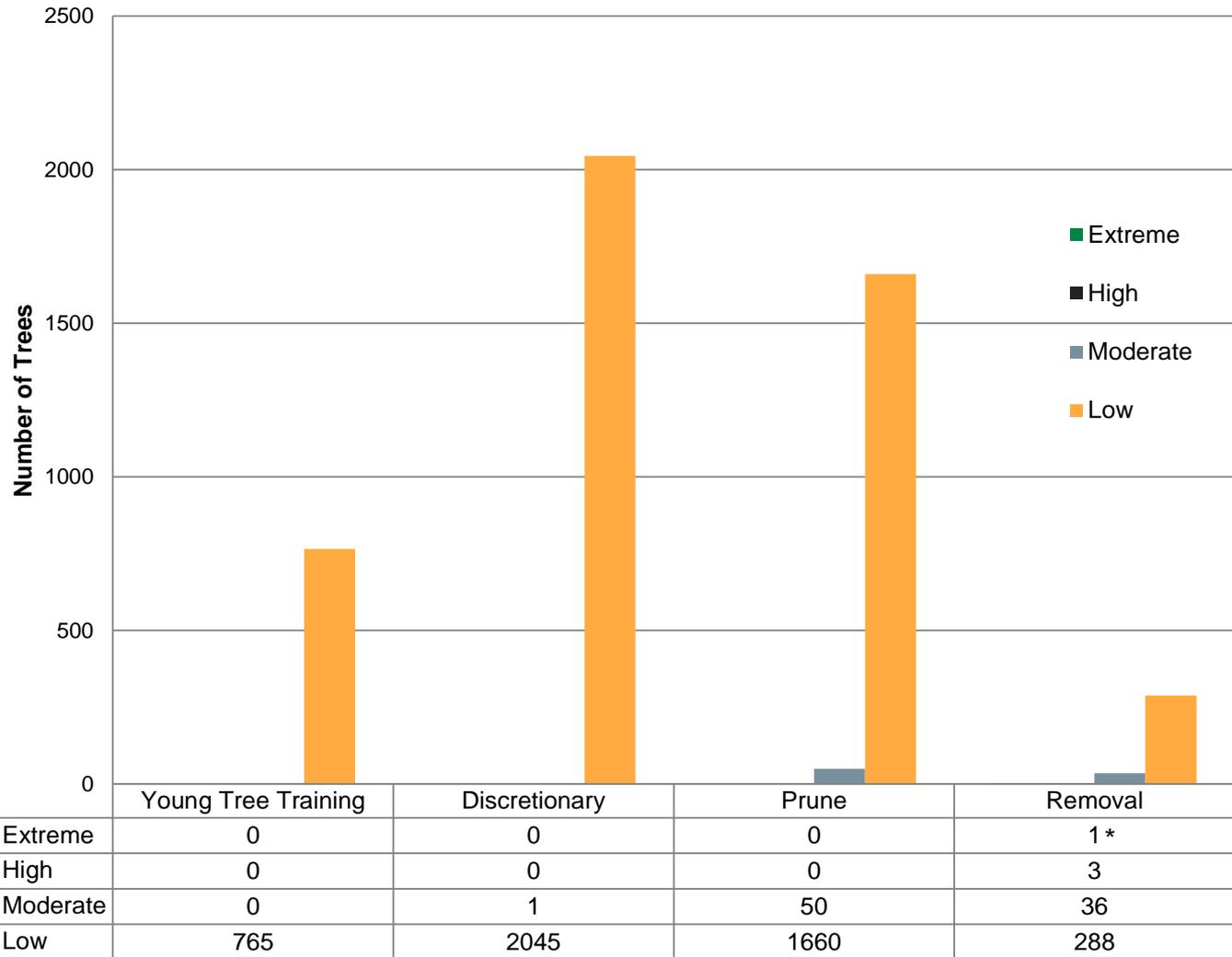
Diameter Class Distribution



Native vs. Invasive Species

- About 65% of species native to North America
- About 57% of species native to New York
- Approximately 35% are exotic species, with 13.7% of all street trees surveyed being invasive species.
- Most common invasive species include Norway Maple (10.4%), Callery Pear (1.9%), and Black Locust (1.4%)

Maintenance by Risk Rating



**Determined to be on private property – DOT confirmation*

Next Steps

1. DRG will continue drafting the Street Tree Management Plan
2. The Street Tree Advisory Committee (STAC) will review the Draft Street Tree Management Plan and provide feedback to DRG
3. Staff, DRG, and the STAC will hold a public meeting to gather resident input. Residents may also email or call staff to provide input. (late spring)
4. DRG will revise the plan and present a Final Draft to the Town Board for approval (summer)



Questions or suggestions?

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Preliminary Recommendations

- Diversify distributions of genus and species when planting by no longer planting maples.
- Prioritize a strong young tree training program to improve the diameter size class distribution
- Prune young trees now to improve structure encouraging better form as they age. Theoretically, this is a cost saver down the road.