The Simple Act of Keeping Track

DDOT Urban Forestry
March 31, 2021
People. Places. Planet. Plan it!
Presentation Outline

Introduce DDOT’s Urban Forestry Division

Key Points

Keeping Track of Our Trees

Managing These Assets

Matching Resources to Opportunity

Outcomes Over Time
responsibilities

direct management of public trees

regulate private tree removal
8,000 trees planted.
15,000 trees pruned.
4,000 trees removed.
15,000 requests for service.
2,000 tree removal permits.
703k residents.
2.5 million trees.
38.7% tree canopy.
40% urban tree canopy goal by 2032
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Key Points

Doing the Work is the Hard Part; Keeping Track of Your Effort is Easy.
Key Points

Build Trust Through Transparency
Key Points

If a Picture is Worth a Thousand Words, a Map is Worth a Thousand Pictures
Key Points

Allocate Resources Wisely
Key Points

Measure Outcomes
What Do We Track?

Trees

Asset Management
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DC’s Public Trees

178,000 Total Tree Spaces
174,602 Planted
43,309 Trees Inspected - FY21
~350 Trees Inspected/Day

Data Source
43,309 Trees Inspected in Fiscal Year 2021
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Outcomes Over Time
Communicate
Inform
Engage
Communicate
Inform
Engage
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Income Distribution

- Median Household Income: $70,848 ($53,889 Nat Avg)
- Poverty Rate: 18%
- 14.4% of District residents live on less than $15,000 annually
Educational Attainment

- 54.6% of District residents possess a bachelor’s degree or higher (29.8% national avg)
- 35% of District residents aged 25 or older have yet to earn a high school diploma AND live in poverty.
- Educational Attainment has a direct correlation with poorer health outcomes.
Asthma-Related Emergency Room Visits Among Youth

- Spatial patterns of severe pediatric asthma exist.
- Asthma-Related ER visits range from 21.5 per 10,000 youth to nearly 600 visits per 10,000 youth, by neighborhood.
Life Expectancy

- As much as a **21 year difference** in life expectancy, based on where you live.
- **Health is more than Healthcare.**
- **Health Inequities are not natural or inevitable.**
- **All policy can become health policy.**
Summary of Requests for Tree Planting in the Past 5 Years

- High Request Areas = Fewer Open Spaces
- Low Request Areas = Greater Open Spaces
Summary of Trees Planted in the Past 5 Years

- Matching Resources Where Opportunity is Greatest
- Reliance on Analysis to Prioritize Planting
Summary of Tree Planting Requests in Past 5 Years

Summary of Trees Planted in Past 5 Years
Current Street Tree Stocking Levels: 98.2% Planted Citywide
Stocking Levels: Substantial Increase in Total Trees in Past 10 Years

10 Year Change in Number of Public Trees

- Net Additional Trees
- % Increase
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Keeping Track of Our Trees
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Outcomes Over Time
Delivering Nature Based Solutions
Sustained Improvements to Service Delivery
Thank you
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