

Carson City Tree Program

Preserving Carson City's Urban Forest

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The Value Of Our Urban Forest

- ▶ **Economic Benefits:** Increase property values by up to 20% and attract business and tourism.
- ▶ **Environmental Benefits:** Improve air and water quality, reduce stormwater runoff, and combat climate change by absorbing carbon dioxide.
- ▶ **Community Well-being:** Provide shade, reduce energy costs, and contribute to physical, mental, and social wellness.

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‘ISA’ International Society of Arboriculture Certified Tree Arborist

- ▶ Carson City Public Works Tree Program
 - CCPW tree crew
 - One crew with two staff members
 - One bucket truck
 - One chip truck and a chipper
 - Certifications
 - Four staff members who are ISA-certified tree arborists
 - One is also certified in tree risk assessment and is a certified tree climber
 - The ISA also requires that we earn a total of 30 continuing education credits every three years, so staff members are constantly training

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City Tree Management

- ▶ The City uses a software called TreeKeeper to manage its Urban Forest and Park trees. TreeKeeper is a powerful tool with many capabilities and is used by City personnel daily. Personnel can:
 - Manage all data in the field with a mobile device
 - Attach photos
 - Work planning
 - Comprehensive reporting
 - Search data records
 - Calculate ecosystem benefits

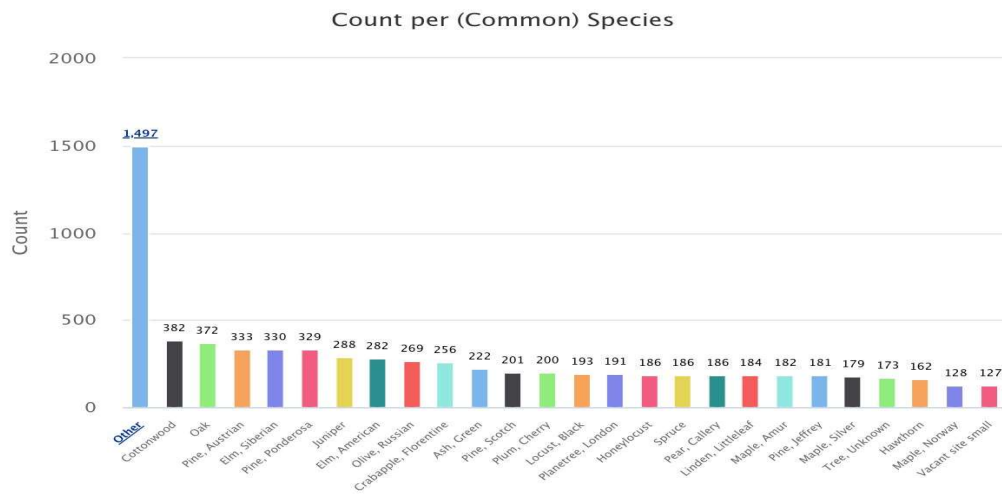
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TreeKeeper ECO Tree Benefits

- ▶ Currently 6,802 trees (Includes City and Park Trees)
- ▶ TreeKeepers tree evaluation is \$29,319,346.00
- ▶ Carbon sequestered is 1,793,759.00 pounds
- ▶ Stormwater runoff avoided is 2,570,354.00 gallons
- ▶ Rainfall Intercepted is 72,901,087.00 gallons
- ▶ Carbon monoxide removed 8,033.39 ounces

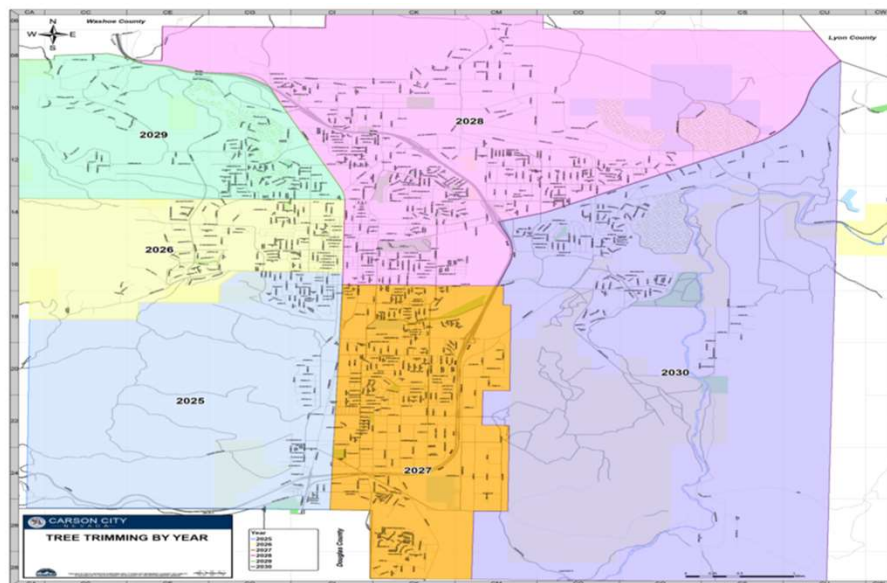
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Top 25 tree species



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Public Works Tree Pruning by year



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