



# 2014 City Arborist Report

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Tree Preservation and Replenishment

# Overview of Presentation

- City Arborist Workflow
- 2014 Heritage Tree Review
  - - Site Plan and Subdivision Permits
  - - Heritage Tree TORA Permits
  - - Dead, Diseased, or Hazard Permits
- The Big Picture
- Challenges and Opportunities



**Work Flow Overview**  
**City Arborist Development Review, Inspection, and Permit Analysis**

**Predevelopment  
Consultation**



**Development  
Review**



**Inspection**



**Permit Data  
Analysis**

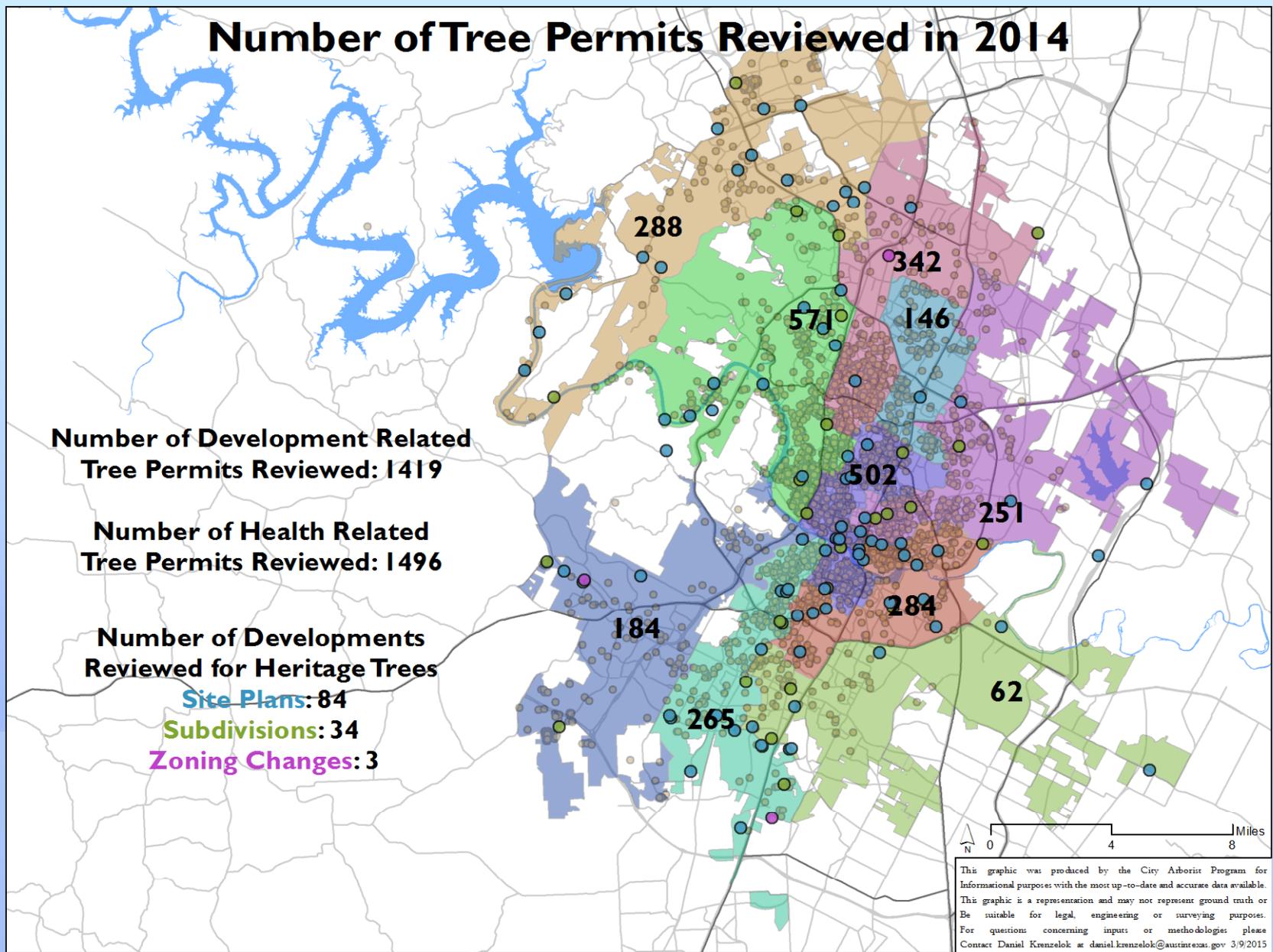


# Site Plan and Subdivision Review for Heritage Trees

- No Land Use Commission variances
- Reviewed 118 site plans and subdivisions
- 65% and 18% increase from 2013 in # of site plans and subdivisions reviewed
- ~18,000 inches surveyed
- ~17,000 inches preserved
- ~1000 inches removed (95% preservation of healthy heritage trees)



# Number of Tree Permits Reviewed in 2014



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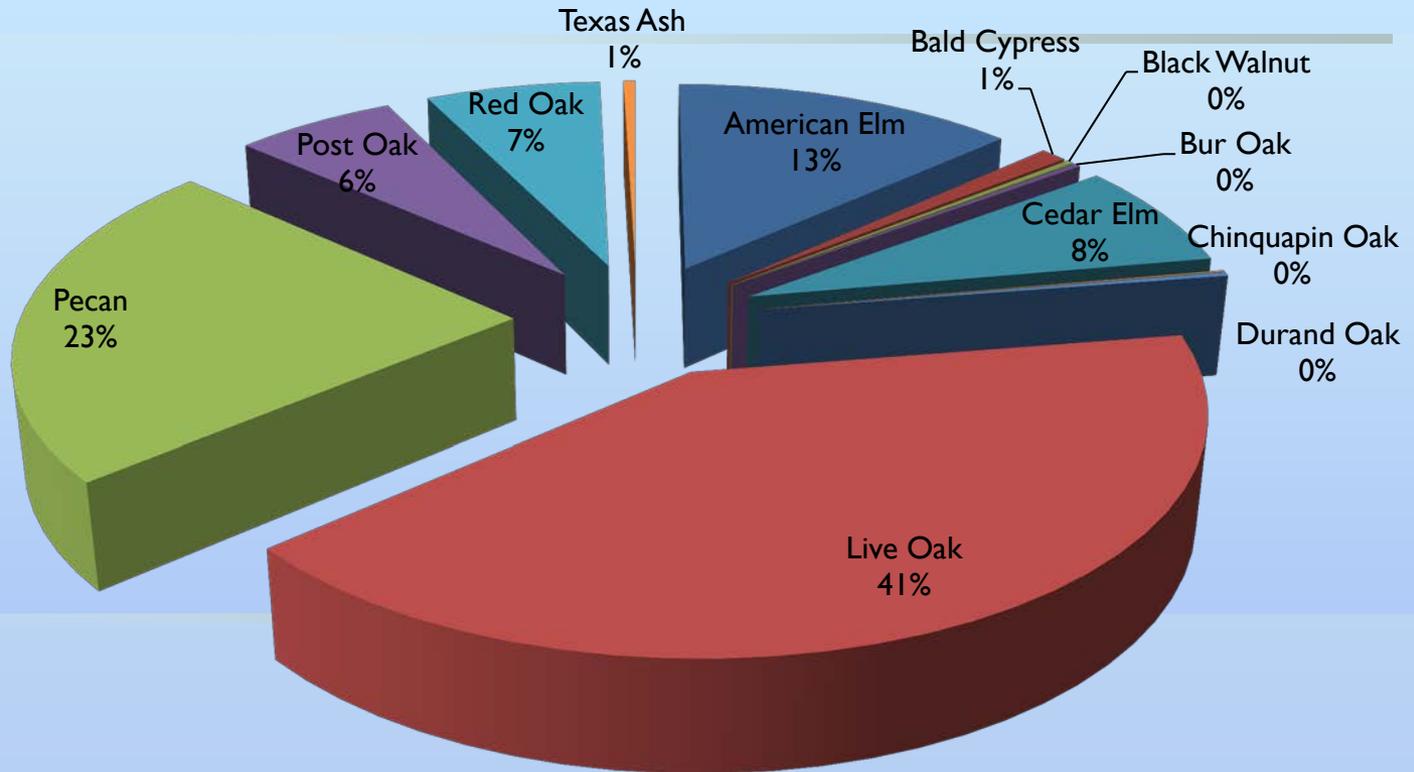
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# 2014 Heritage Tree Permits

- 1083 heritage trees were reviewed on tree permits in 2014
- 33,340 inches of trees reviewed
- 35 healthy heritage trees allowed to be removed



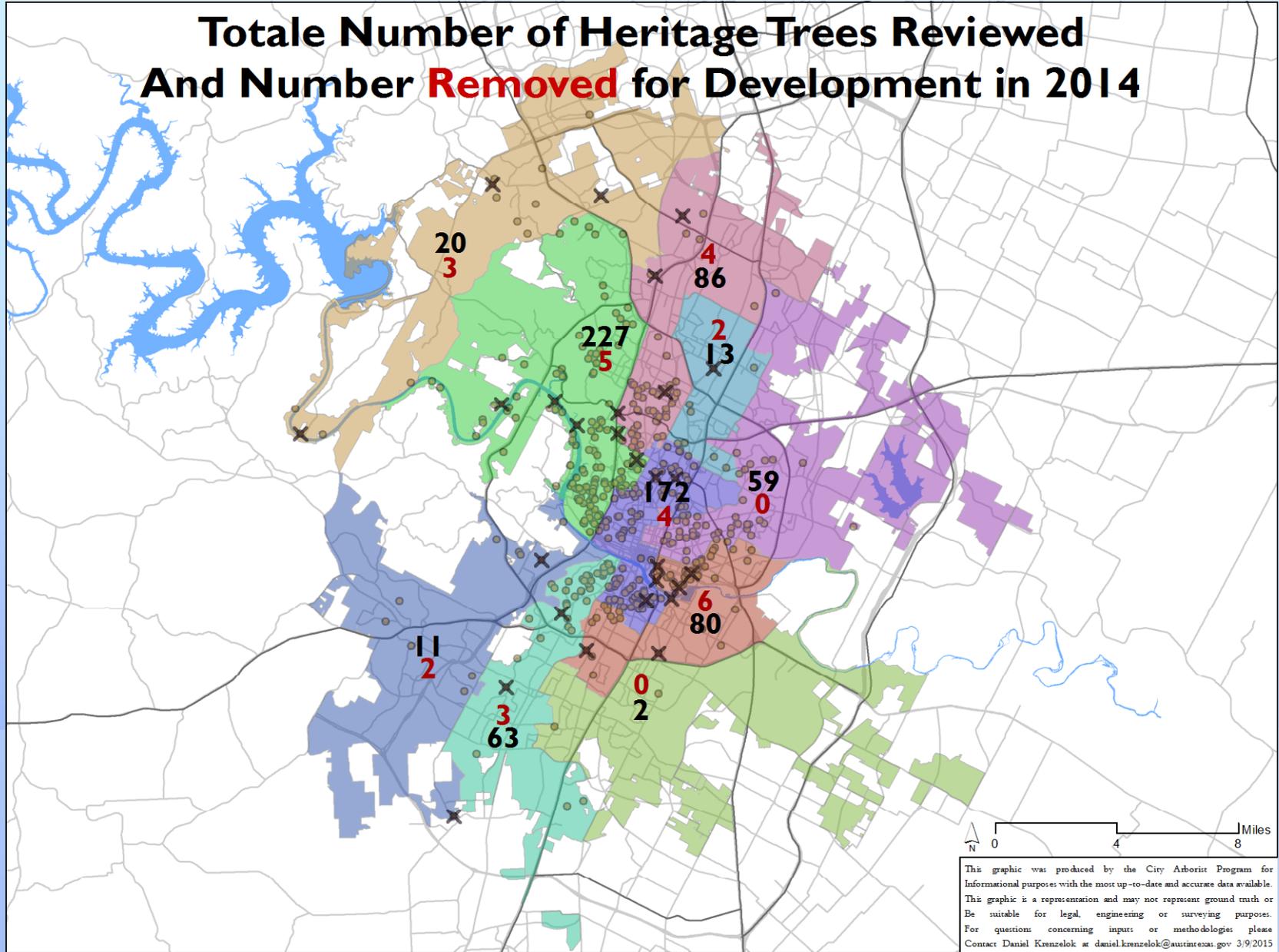
## Heritage Trees by Species Reviewed on Tree Permits in 2014



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# Total Number of Heritage Trees Reviewed And Number **Removed** for Development in 2014



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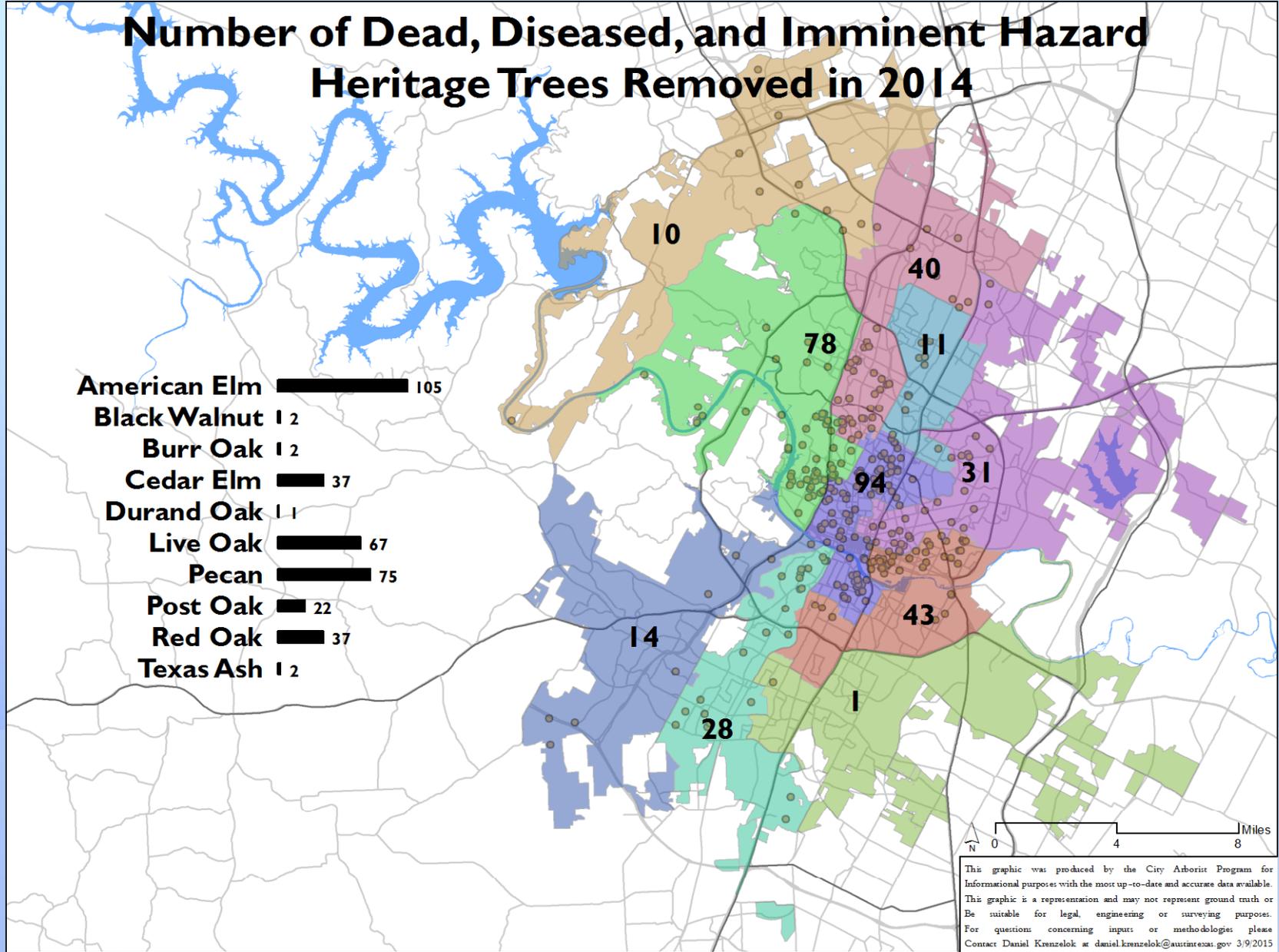
# Tree Condition Permits

- 350 dead, diseased, or imminent hazard heritage trees were reviewed on tree permits in 2014
- 10842.5, inches of dead, diseased, or imminent hazard trees permitted for removal



# Number of Dead, Diseased, and Imminent Hazard Heritage Trees Removed in 2014

American Elm		105
Black Walnut		2
Burr Oak		2
Cedar Elm		37
Durand Oak		1
Live Oak		67
Pecan		75
Post Oak		22
Red Oak		37
Texas Ash		2



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# Heritage Tree Mortality on Tree Permits

<u>Species</u>	<u>2014 Number Reviewed</u>	<u>2014 Dead, Diseased, or Hazardous</u>	<u>2014 % Mortality</u>	<u>2013 % Mortality</u>	<u>2012 % Mortality</u>	<u>2011 % Mortality</u>
American Elm	143	105	73%	78%	86%	85%
Cedar Elm	80	37	46%	52%	47%	50%
Live Oak	445	67	15%	20%	24%	26%
Pecan	249	75	30%	33%	40%	31%
Post Oak	67	22	33%	39%	50%	38%
Red Oak	73	37	51%	57%	71%	71%



# Big Picture

- The ordinance is working (>95% preservation rate of heritage trees)
- Regulatory options for means to end
- Programmatic reorganization
- Citizens and development community engaging earlier in development process
- Dynamic city, dynamic forest
- Ensuring community values are protected



# Urban Forest Challenges and Opportunities

- 4<sup>th</sup> year as fastest growing city in country while protecting the urban forest
- Protection of tree species less than 19”
- Fulfilling vision of Imagine Austin
- Comprehensive Urban Forest Plan
- CodeNext



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# Questions?

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