

TREE CANOPY ASSESSMENT



TOTAL STUDY AREA

15,105 ACRES



TREE CANOPY

2017: 4,382 ACRES (29.3%)

2010: 4,287 ACRES (28.7%)



PLANTABLE SPACE

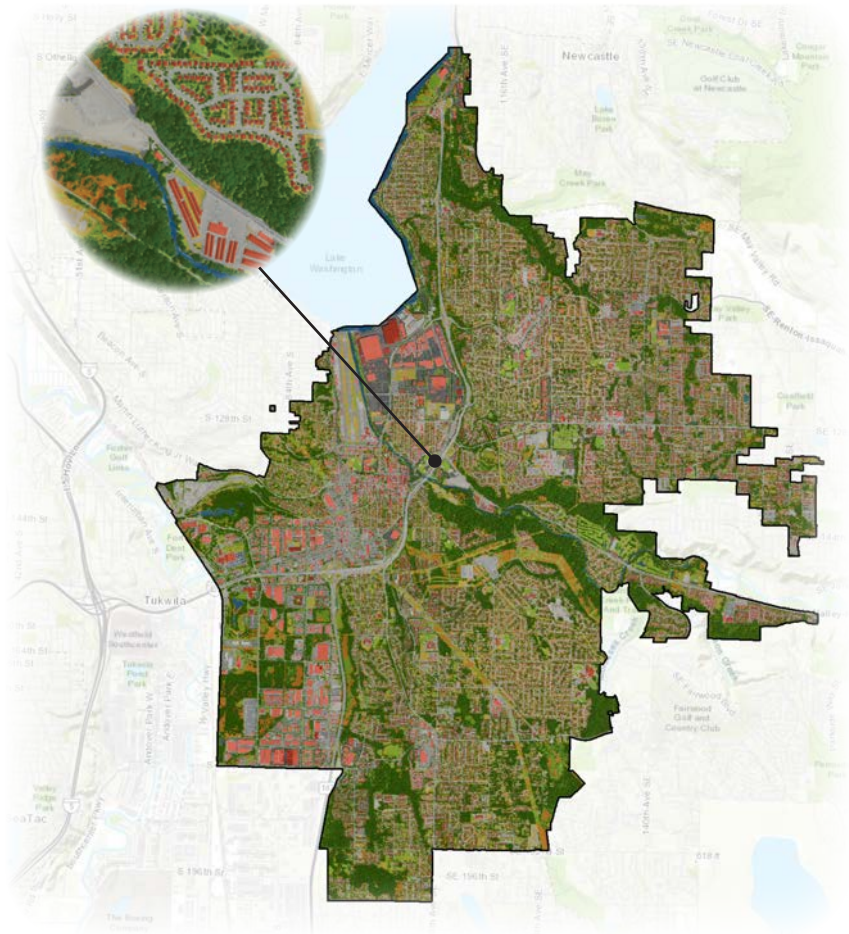
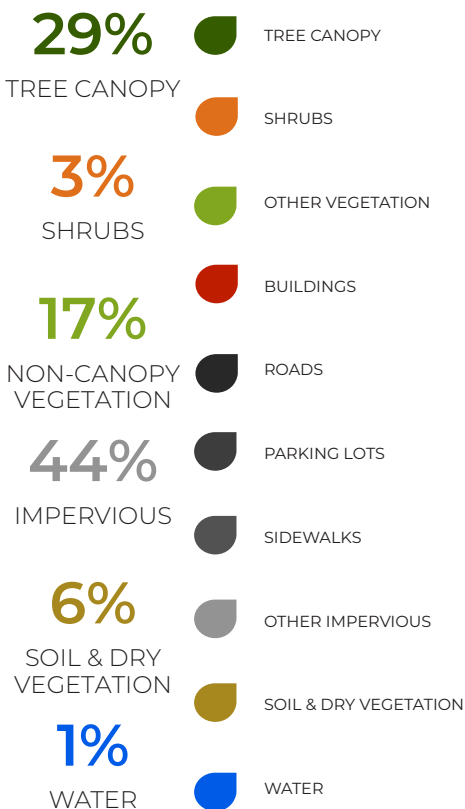
3,030 ACRES (20%)



Renton's urban forest is a valuable asset that provides residents and visitors with many ecological, environmental, and community benefits.

This assessment analyzed the City's urban tree canopy (UTC), possible planting area (PPA), and change in UTC over a 7-year period (aerial imagery from 2010-2017). The results provide an updated baseline to develop and refine strategies to protect and expand Renton's trees and natural areas during planning and development. The maps and project report help to concentrate efforts in areas where needs are greatest, tree planting space is available, and benefits can be realized.

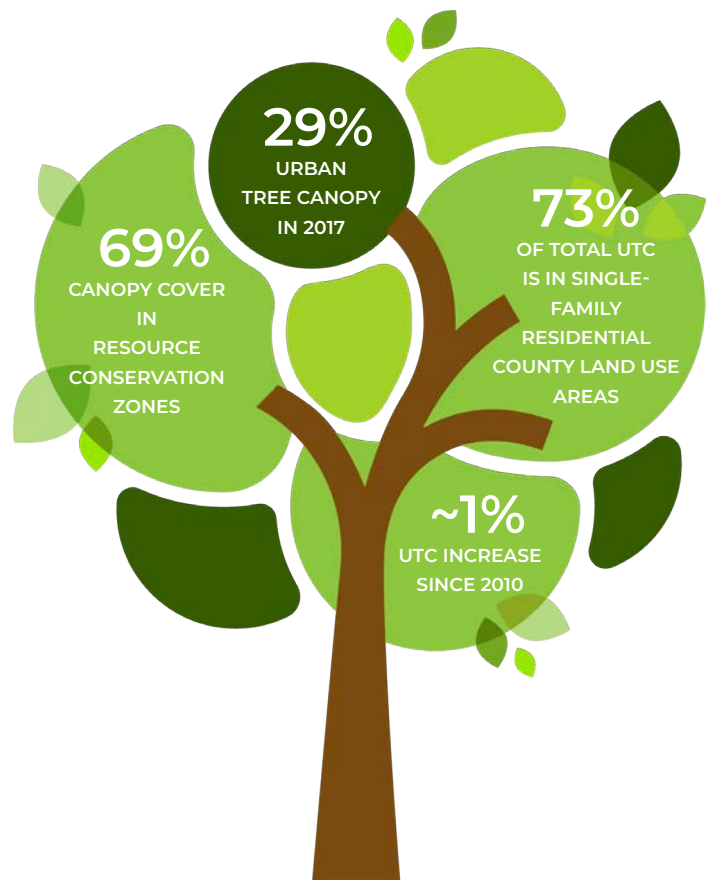
LAND COVER



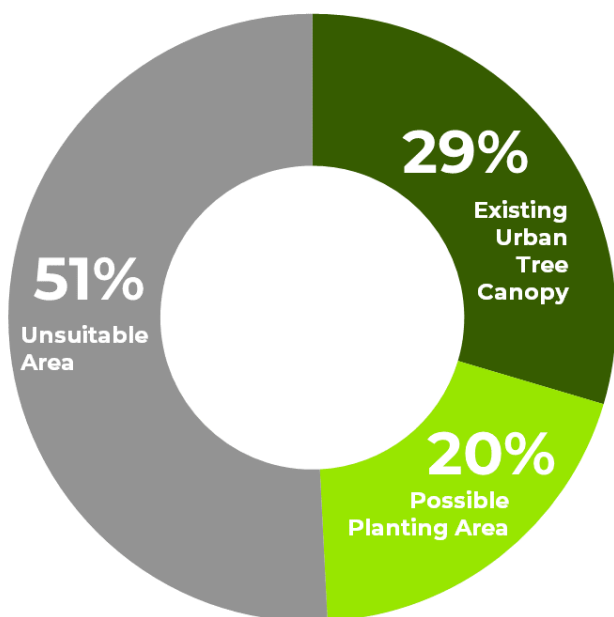
Note: Land cover percentages are based on total area. Urban tree canopy percentages are based on land area only.

Tree canopy data were analyzed for Renton's city land use categories to determine the distribution of existing and potential urban tree canopy throughout the city. Residential Low Density areas had the highest canopy coverage at 47%, and they contained 38% of all canopy and 25% of all plantable space in the city. Commercial Mixed Use areas had the lowest UTC (14%) while Residential Medium Density areas contained over one-third of all PPA in the city.

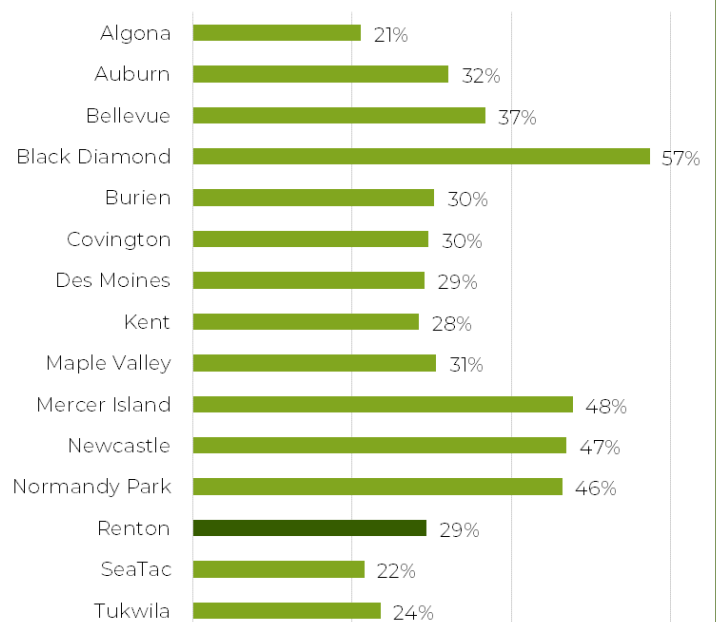
City Land Use	Urban Tree Canopy		
	Acres	%	Dist.
Commercial Mixed Use	236	14%	5%
Commercial Office Residential	21	17%	0%
Employment Area	574	25%	13%
Residential Low Density	1,652	47%	38%
Residential Medium Density	1,331	25%	31%
Residential High Density	493	29%	11%
Totals	4,306	30%	100%



URBAN TREE CANOPY POTENTIAL IN RENTON, WASHINGTON



COMPARING URBAN TREE CANOPY IN KING COUNTY COMMUNITIES



*Possible Planting Areas (PPA) were defined as vegetated areas without tree canopy and impervious surfaces such as parking lots and sidewalks. These areas may not be suitable for planting to increase canopy due to slope, views, soils, or other limitations. Field surveys to identify suitable planting areas are advised.

