

# 2021 URBAN TREE CANOPY ASSESSMENT

City of Bellevue



## 8,499

ACRES OF CANOPY

## 40%

OF BELLEVUE'S  
LAND WAS  
COVERED WITH  
CANOPY IN 2021

Bellevue's tree canopy increased  
by 450 acres from 2011 to 2021

## 2021 Land Cover

### 40%

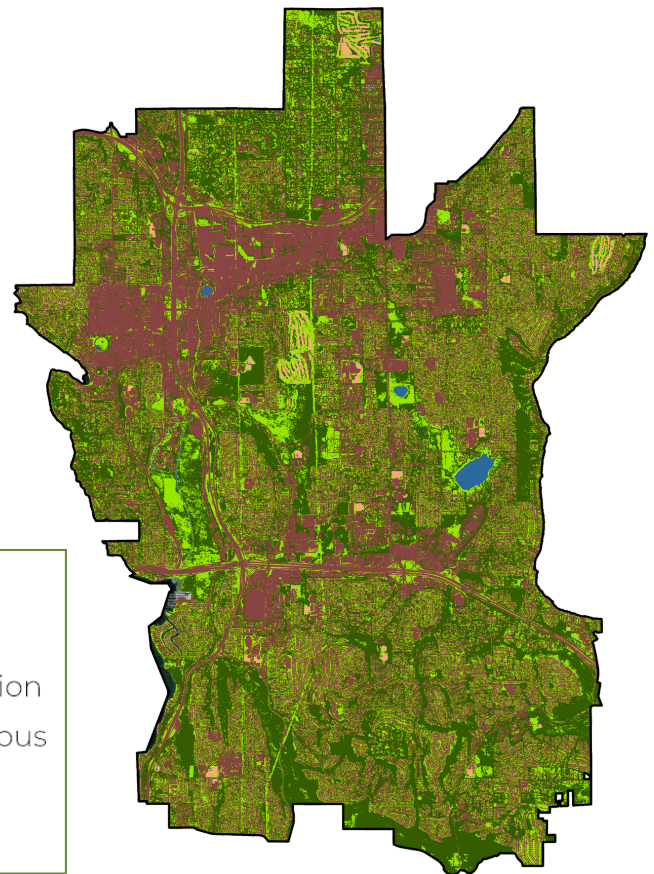
TREE CANOPY

### 20%

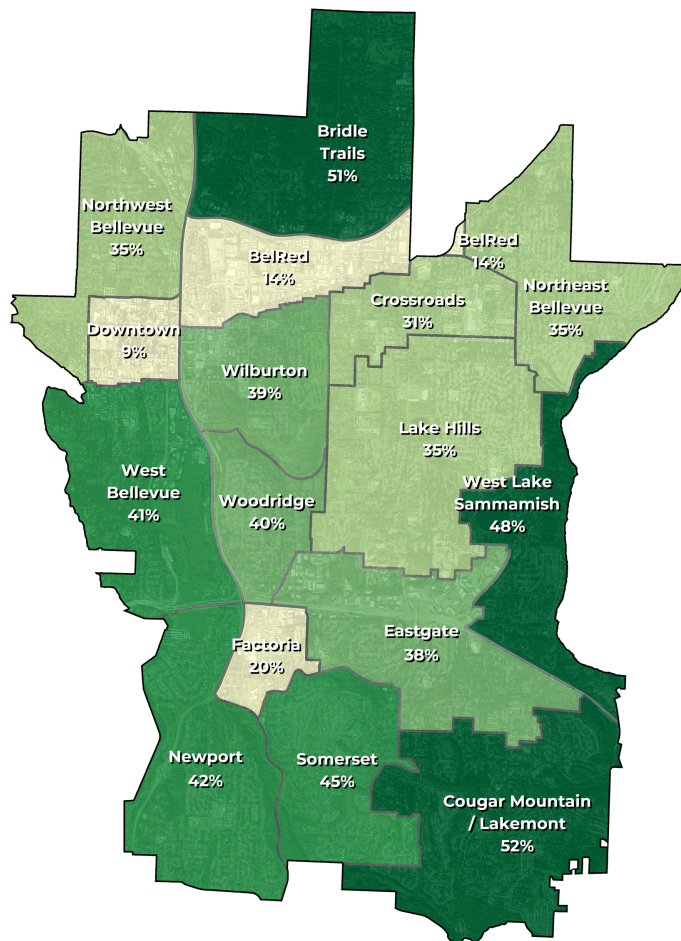
POSSIBLE  
PLANTING AREA

### 38%

IMPERVIOUS  
SURFACE

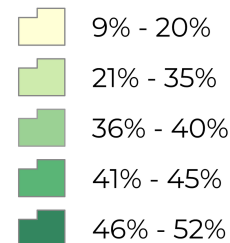


# Urban Tree Canopy by Neighborhood



Overall tree canopy grew from 39% in 2019 to 40% in 2021, despite loss of canopy in seven neighborhoods.

## Urban Tree Canopy %



## Tree Canopy Benefits



### MENTAL HEALTH

People without views of nature from their desks claimed 23% more sick days than workers with views of nature.



### CLEANER AIR

**\$2,589,762**

Each year, roadside trees remove 260.14 tons of air pollution.



### STORMWATER MANAGEMENT

**\$6,259,702**

Bellevue's tree intercepts about 700.47 million gallons of runoff annually.

### TOTAL ANNUAL BENEFITS

Bellevue's trees annually provide **\$10,072,669** in ecosystem benefits.



### CARBON STORAGE

**\$61,815,464**

Bellevue's urban forest stores 362,446 tons of carbon.



### CARBON SEQUESTRATION

**\$1,223,203**

In one year, Bellevue's mature trees absorb 7,172 tons of CO2 from the atmosphere.