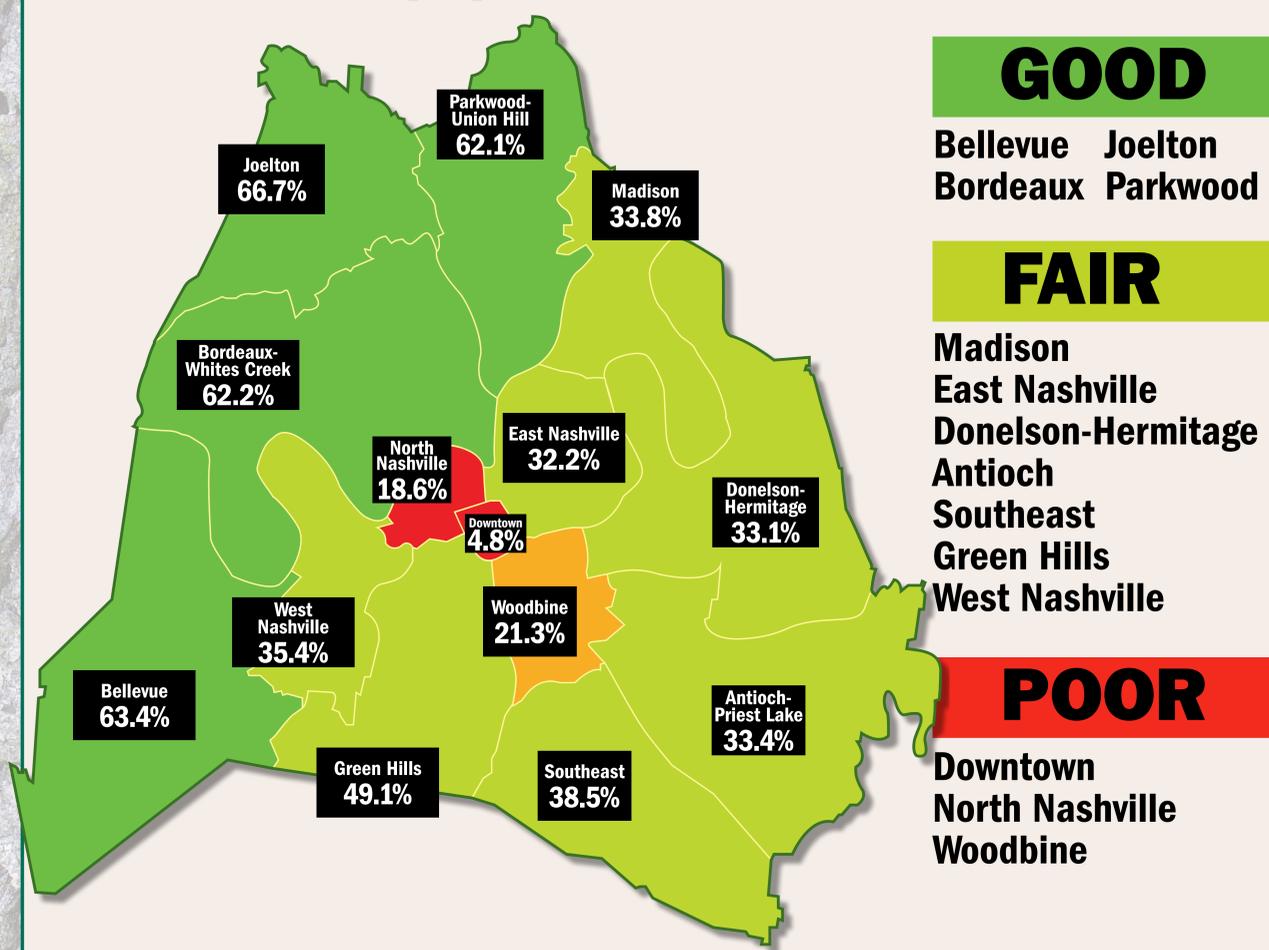




Metro Tree Advisory Committee

What's YOUR tree canopy?

47% of Davidson County is shaded by trees, but the most populous areas are much lower.



GOOD

Bellevue Joelton
Bordeaux Parkwood

FAIR

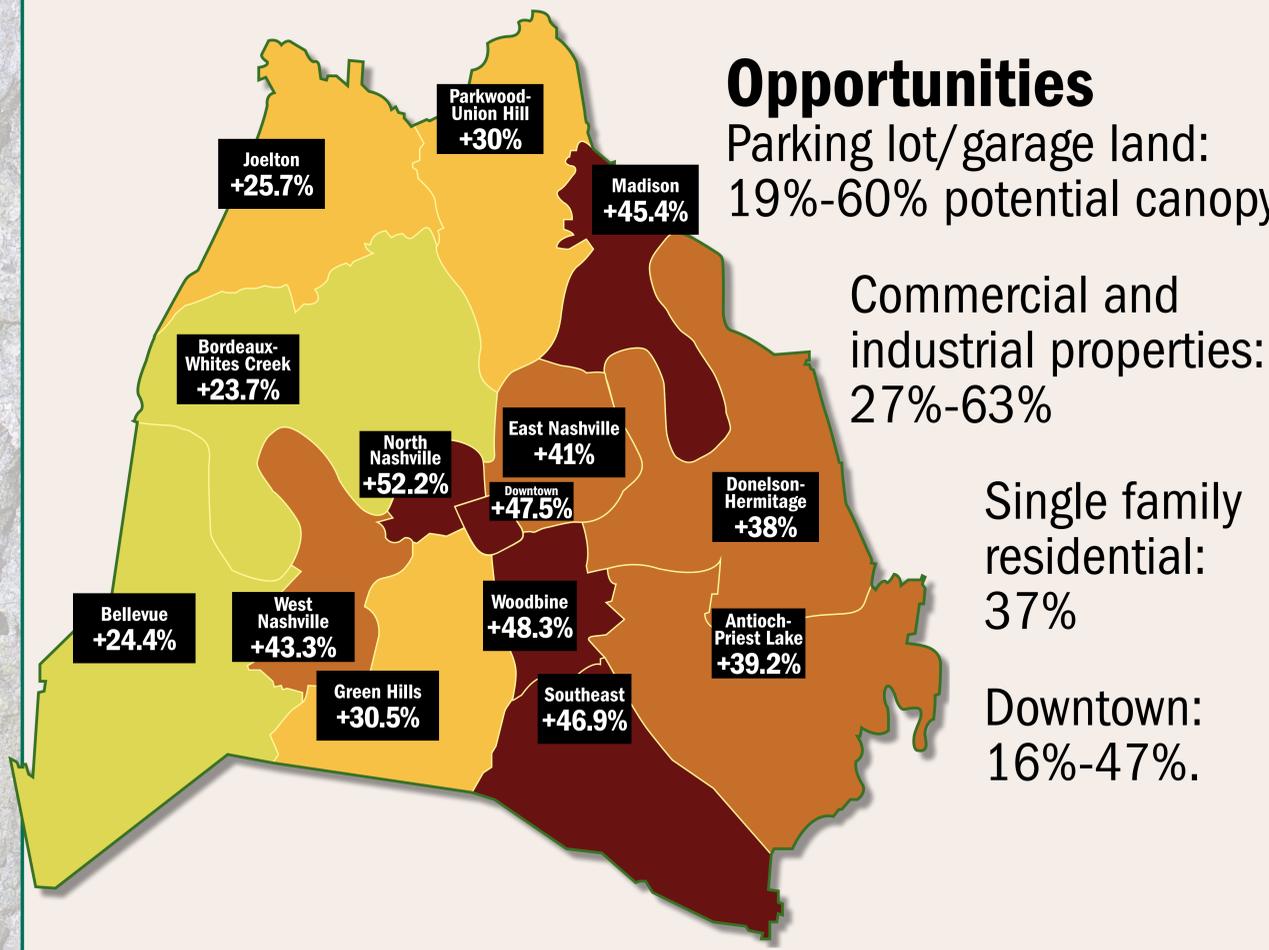
Madison
East Nashville
Donelson-Hermitage
Antioch
Southeast
Green Hills
West Nashville

POOR

Downtown
North Nashville
Woodbine

Where can we plant?

118,741 acres of Davidson County are available for planting more trees.



Opportunities

Parking lot/garage land:
19%-60% potential canopy

Commercial and industrial properties:
27%-63%

Single family residential:
37%

Downtown:
16%-47%.

Frequently Asked Questions

What's a tree canopy?

Nashville's tree canopy includes all of the trees in Davidson County. The Urban Tree Canopy (UTC) assessment determines the extent of trees that cover the ground when viewed from above.

Why is it important?

Measuring the tree canopy is the best way to determine the location, size and extent of the county's urban forest. This will increase the city's understanding of its urban forest resources:

- How much tree canopy now exists
- How many more trees we can plant

How does it work?

The survey analyzes high-resolution aerial imagery, categorizing Davidson County into tree canopy, grass/open space, agriculture, impervious surfaces, soil, and water.

What are the results?

47% of Nashville is covered by trees. An additional 35% of Nashville could potentially have trees. This includes nearly 27% of land with vegetation and 7% with impervious surfaces.

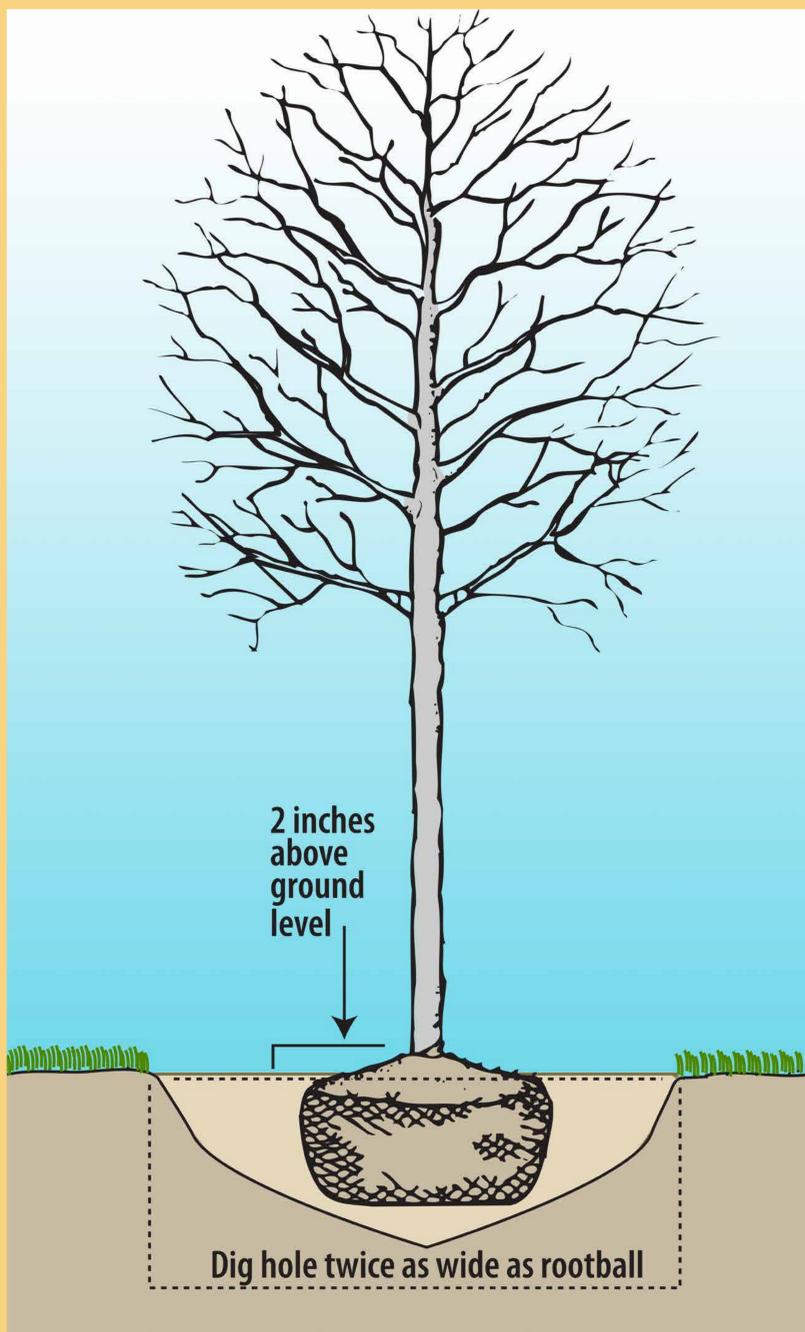
What can we do with the results?

- Establish a baseline to help manage the city's urban canopy
- Protect existing trees and plant more
- Make informed decisions on the best places to focus planting efforts to achieve such goals as reducing the urban heat island effect, improving water quality, saving energy, lowering temperatures, reducing air pollution, enhancing property values, providing wildlife habitat, facilitating social and educational opportunities, and providing aesthetic benefits.

The tree canopy assessment was prepared for Metro Tree Advisory Committee and Metropolitan Government of Nashville and Davidson County. It was funded by the State of Tennessee Department of Agriculture Division of Forestry Grant, Metro Planning Department, Metro Public Works, and Metro Water Services and supported by Metro Beautification and Environment Commission, Metro Codes Department, and Metro Parks and Recreation.



Plant a Tree!



- 1. Plan before you plant.** Choose a tree that fits the site—or vice versa. Find out your tree's estimated height and width at maturity, and plant accordingly. Don't plant too close to buildings or other trees. And don't forget to look up! Don't plant under powerlines.
- 2. Dig a hole twice as wide** as your rootball in the shape of a wide V. Dig deep enough that the rootball sticks up about two inches above finished grade.
- 3. Fill the hole with water** and let it drain before you put the tree in the hole.
- 4. Remove twine and burlap** as much as possible. Cut wire baskets if you can't remove them. Always remove tape or rope around the trunk.
- 5. Fill the hole** with soil and water thoroughly to settle the soil and remove air pockets.
- 6. Add mulch** to a depth of three to four inches around the tree. Don't make a mulch volcano! Leave a couple of inches of clear space around the trunk so the mulch doesn't touch it.
- 7. Water your new tree** regularly for the first two years of life, especially during periods of drought.



Metro Tree Advisory Committee

TOP 10 WAYS TO **KILL** A TREE

- 1 Damage the trunk with a string trimmer.
- 2 Plant the tree too deeply.
- 3 Plant the tree too shallowly.
- 4 Pile mulch too high on the tree trunk (mulch volcano).
- 5 Top the tree.
- 6 Allow the soil around a tree to become compacted.
- 7 Fail to water the tree during periods of drought.
- 8 Plant the tree where it doesn't get enough light to survive.
- 9 Plant the tree where the soil stays too wet.
- 10 Transplant it when it's not dormant.





Metro Tree Advisory Committee

**People who will not sustain
trees will soon live in a world
which cannot sustain people.**

Bryce Nelson

**Even if I knew
that tomorrow
the world would
go to pieces, I
would still plant
my apple tree.**

Martin Luther

**He who
plants
a tree,
plants
a hope.**

**Lucy
Larcom**

**When you
plant a tree
you plant
a legacy.**

**Pepper
Provenzano**

**I am the Lorax,
I speak for the
trees, for the
trees have
no tongues.**

Dr. Seuss

**One generation
plants the trees;
another gets
the shade.**
Anonymous

**Trees
are poems
that earth
writes
upon
the sky.**

**Kahlil
Gibran**

**Plant trees until
you are planted!**
Steve Rasmussen

**Knowing trees, I understand
the meaning of patience.**

Hal Borland



Metro Tree Advisory Committee

Trees make a difference!

Provide shade

**Mature tree canopy
reduces urban air
temperatures up
to 10 degrees.**

Reduce flooding

**Every 5% of added
tree canopy reduces
stormwater runoff
by 2%.**

Save energy

**A 25-foot tree reduces
typical heating and
cooling costs by
up to 12%**

Help us breathe

**Just two 30-foot trees
supply the oxygen
needs of a person
for a year.**

Improve health

**Children who live
on tree-lined streets
have lower rates
of asthma**



Metro Tree Advisory Committee

STOP TREE TOPPING



Trees are NOT SAFER

**New growth is WEAK
and HAZARDOUS**

**Topping is UGLY
and ABUSIVE**

**Topping leaves trees
open to INSECTS
and DISEASE**

**Topping is EXPENSIVE
and UNNECESSARY**

**ALWAYS HIRE A
CERTIFIED ARBORIST**