

## Inventory Summary

In general, the forest that the City of Dunwoody lives within is found to be in good health.

Dunwoody's forest is representative of a typical Piedmont forest; it is populated with a rich and diverse mix of tree species that are found to be in a wide range of developmental stages. Many of these trees are successional in nature meaning they have grown from seeds spread by animals after agriculture was no longer the dominant industry in the region. A significant number of these trees have also been planted into the landscape as neighborhoods and subdivisions began to populate the area in the late 1950's.

As the focus of the assessment was to identify specimen and hazard trees and to only comment on the general condition of the forest itself, it will quickly be seen that most of the trees assessed were found to be dead or in fair to poor condition with very few good condition trees identified, please keep in mind the reported trees are only a very small percentage of the total trees reviewed by the technicians.

Due to lack of maintenance by DeKalb County along roadways and in parks over the past decades, the City of Dunwoody now shoulders the responsibility of effectively managing these tree resources with public safety as the highest priority.

Invasive species were also identified within the forested areas. The most common invasive species were found to be groundcovers and shrubs which included English ivy, poison ivy and privet.

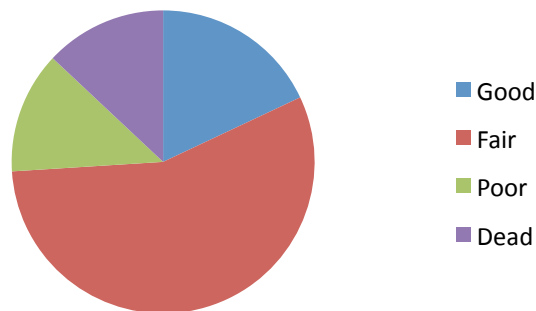
Briefly, trees identified as being in good condition are trees that have few if any structural defects or are not infected with pathogenic organisms. Fair condition trees are trees that may have moderate structural defects or a pathogenic organism may be present in a small population that is not life threatening to the tree. Most fair condition trees in this assessment merely need to have large dead limbs pruned out of them. Poor condition trees are trees that have major structural defects, such as being hollow, have high populations of pathogenic organisms or are in a state of advanced decline. Poor condition trees will not upgrade to fair or good condition but will only continue to decline.

A total of 988 trees were assessed in this study. These trees are categorized as follows:

- 747 hardwood trees were identified with the dominant tree species being oak, which accounts for 75.5% of all trees assessed
- 98 softwood trees were identified with the dominant species being loblolly pine, which accounts for 10% of the trees assessed
- 143 flowering understory trees were identified with the dominant species being dogwood, which accounts for 14.5% of the trees assessed

Of all the 988 trees assessed:

### Tree Condition



- 18% are in good condition
- 56% are in fair condition
- 13% are in poor condition
- 13% are dead

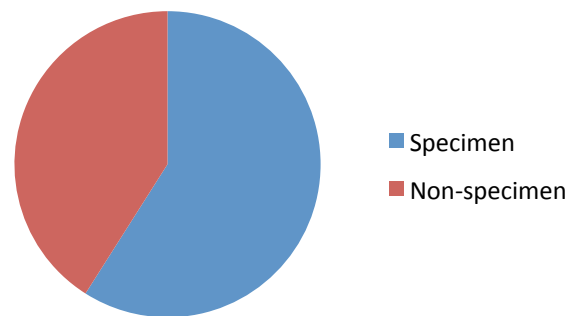
Of the 988 trees assessed, 326 (33%) were found in the road rights of ways and 662 (67%) were found in the parkland/green spaces.

## Specimen Trees

In parkland/green spaces and rights of ways, 581 trees (59%) were found that met the City of Dunwoody specimen tree size criteria.

The remaining 407 trees (41%) are of mixed species and sizes that range in size from 3” in diameter to 23” in diameter that have been identified as requiring some form of immediate attention.

### Specimen Trees



Collectively, the specimen size trees within the rights of ways and parkland/green spaces include:

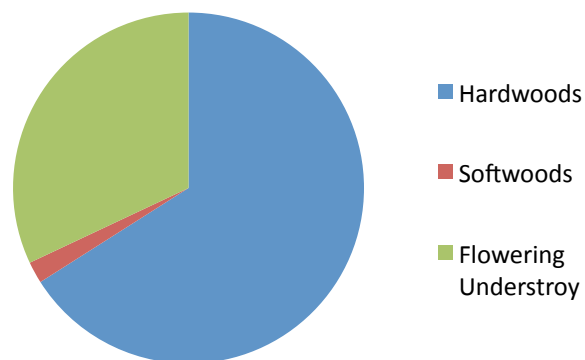
- 437 hardwood trees (75%)
  - 134 trees (30.5%) were found to be in good condition
  - 278 trees (63.5%) were found to be in fair condition
  - 20 trees (5%) were found to be in poor condition
  - 5 trees (1%) are dead
- 15 softwood trees (3%)
  - 3 trees (20%) were found to be in good condition
  - 12 trees (80%) were found to be in fair condition
- 129 flowering understory trees (22%)
  - 36 trees (28%) were found to be in good condition

- 84 trees (65%) were found to be in fair condition
- 7 trees (5%) were found to be in poor condition
- 2 trees (2%) are dead

### Right of Ways

Within the road rights of ways, a total of 303 trees (96%) met the City of Dunwoody's specimen tree size criteria.

### Specimen Trees by Type

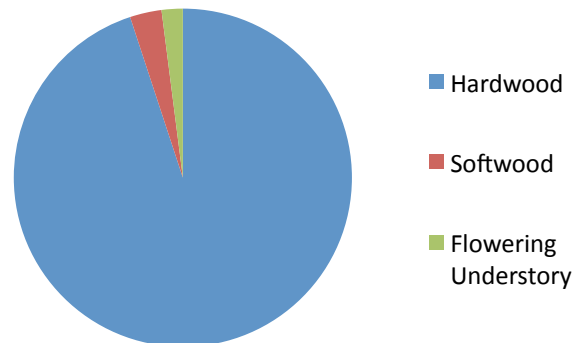


- 200 hardwood trees (66%) with:
  - 23 trees (12%) being in good condition
  - 167 trees (84%) being in fair condition
  - 10 trees (4%) that are in poor condition
- 5 softwood trees (2%) with:
  - 5 trees (100%) being in fair condition
- 98 (32%) flowering understory trees with:
  - 13 trees (13%) being in good condition
  - 79 trees (81%) being in fair condition
  - 6 trees (6%) that are in poor condition

## Parks & Green Spaces

In the parkland/green spaces, 278 trees were identified that met the City of Dunwoody's specimen tree size criteria:

### Specimen Trees by Type



- 237 trees (85%) are hardwood trees with:
  - 111 trees (47%) being in good condition
  - 111 trees (47%) being in fair condition
  - 10 trees (4%) being in poor condition
  - 5 trees (2%) that are dead
- 10 (4%) were softwood trees with:
  - 3 trees (30%) being in good condition
  - 7 trees (70%) being in fair condition
- 31 trees (11%) were flowering understory trees with:
  - 23 trees (74.5%) being in good condition
  - 5 trees (16.5%) being in fair condition
  - 1 tree (3%) being in poor condition
  - 2 trees (6%) that are dead