


2015 Street Tree Management Plan & iTree Ecosystem Analyses

**TREE LONG-TERM CARE (TLC)**

 Highlights from a series of recent reports detailing the state of Pittsburgh's street trees, and a city-wide plan for their long-term care

**KEY RECOMMENDATIONS/GOALS FOR THE CITY OF PITTSBURGH:**

FOR TREES  
**1-5**  
YEARS OLD

*Partner with nonprofits to plant new trees and provide early care.*

FOR TREES  
**6-25**  
YEARS OLD

*Fully fund and upgrade capacity of forestry division to move beyond emergency response into proactive cycles of tree care.*

FOR  
**ALL**  
TREES

*Add partners—especially businesses and developers—and fully coordinate all city agencies, authorities and utilities to protect and value trees as important city assets.*

*Add \$500K per year for 10 years to forestry budget to set up expanded capacity.*

COST TO REPLACE THE EXISTING STREET TREES:  
**\$51 MILLION**

THROUGH PRIVATE AND PUBLIC FUNDING,  
**NONPROFIT PARTNERS HAVE INVESTED \$9.2 MILLION**  
IN PITTSBURGH AREA STREET & PARK TREES SINCE 2008

INCREASED HABITAT FOR HEALTHY BIRD, ANIMAL & INSECT POPULATIONS

IMPROVED AIR QUALITY  
**4.4 million pounds of carbon stored**

STORMWATER CAPTURED  
**15.2 million gallons absorbed**

REDUCED ENERGY USE  
**\$96,500 SAVED**

**BENEFITS OF THE CITY'S STREET & PARK TREES = \$4.9 MILLION ANNUALLY**

INCREASED PROPERTY VALUES  
**+ 10%**

ATTRACT SHOPPERS, INCREASE SPENDING

SINCE 2008,  
**10,000 VOLUNTEERS**  
DONATED **31,400 HOURS**  
TO PLANT 25,000 TREES =  
**MANPOWER VALUED AT \$700 THOUSAND**

**TREE INVENTORY IMPROVEMENTS SINCE 2005:**

**10%**  
MORE CITY STREET TREES

**45%**  
MORE DIVERSE STREET TREES

**17%**  
MORE TREES IN GOOD HEALTH

TREES IN POOR HEALTH REDUCED BY  
**11%**

SINCE 2009,  
**5,500 VOLUNTEERS**  
DONATED **14,000 HOURS**  
TO CARE FOR THOUSANDS OF NEWLY PLANTED TREES = MANPOWER VALUED AT **\$304 THOUSAND**

**HIGHLIGHTS: TREE LONG-TERM CARE (TLC)**

Using data from recent reports, Western Pennsylvania Conservancy, the City of Pittsburgh's Shade Tree Commission and Tree Pittsburgh have developed a unique strategy to provide long-term care for Pittsburgh's street trees.

**A 10-year management plan that includes removal, pruning and planting—totaling \$14.8 million—as directed by project partners:**



**PITTSBURGH SHADE TREE COMMISSION:** A nonprofit organization, linked to the Mayor's Office, with the task of restoring /maintaining the city's tree population, providing policy makers, city departments, and the general public with information on issues affecting the urban forest, and directing funds for the advancement of urban forestry initiatives.

**CITY OF PITTSBURGH:**

Over 10 years, use budget allocated for forestry operations to complete major removal, pruning and routine work.



**TREE PITTSBURGH:**

Raise funds for care; Use new funds for young tree care and training with staff and volunteers.



**WESTERN PENNSYLVANIA CONSERVANCY:**

Raise funds for plantings; Use new funds for planting street trees to replace removals, fill empty tree pits and create new tree sites.

Western Pennsylvania Conservancy

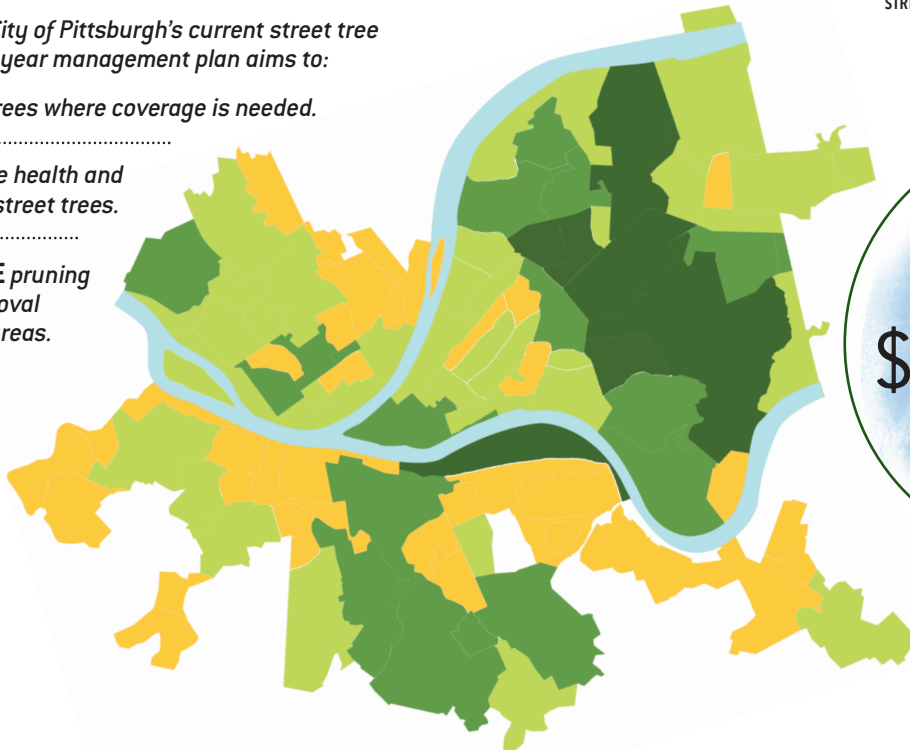


**CITY TREE PROFILE BY NEIGHBORHOOD**

DENSE SPARSE  
STREET TREE COVERAGE

Regarding the City of Pittsburgh's current street tree canopy, the 10-year management plan aims to:

1. **ADD** street trees where coverage is needed.
2. **MONITOR** the health and safety of all street trees.
3. **UNDERTAKE** pruning and tree removal needs in all areas.



THE CITY OF  
**PITTSBURGH**  
RECEIVES  
**\$1.51** IN BENEFITS  
FOR EVERY \$1 SPENT ON ITS  
MUNICIPAL FORESTRY  
PROGRAM



Find out more about this project and view the full reports online: [WaterLandLife.org/406](http://WaterLandLife.org/406)