



City Tree Inventory Quick Facts

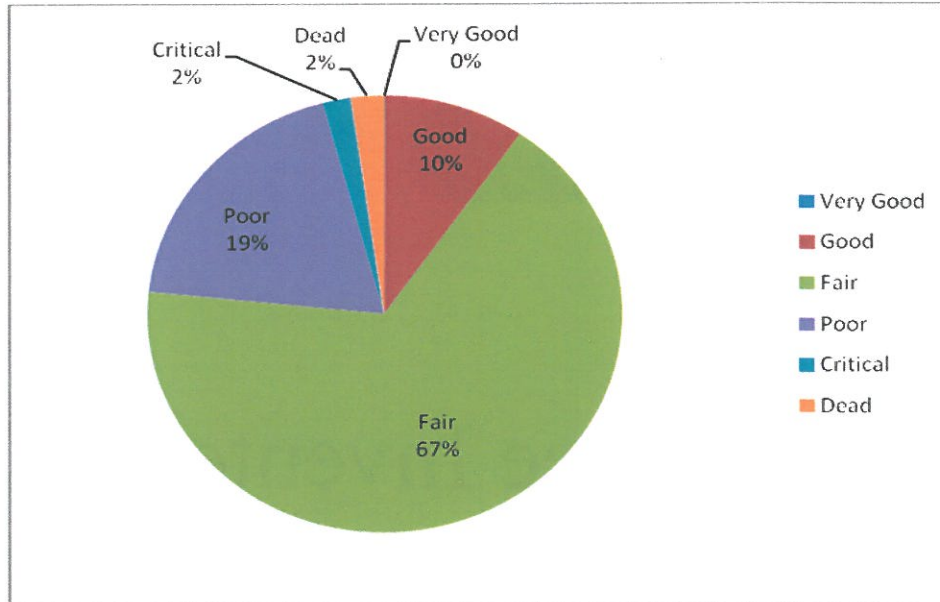
for

Springfield, Missouri

City of Springfield
Public Works Operations
Public Grounds

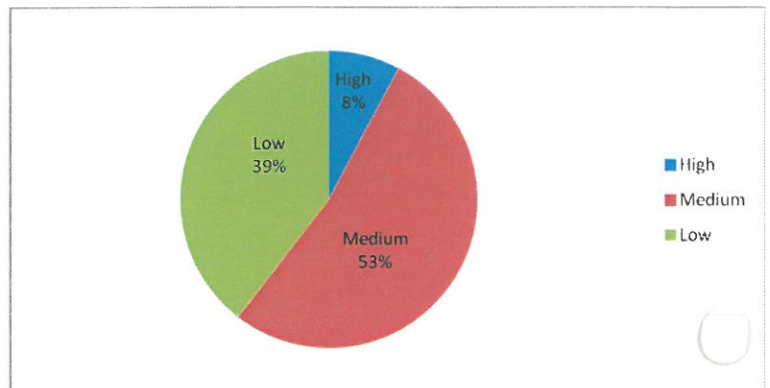
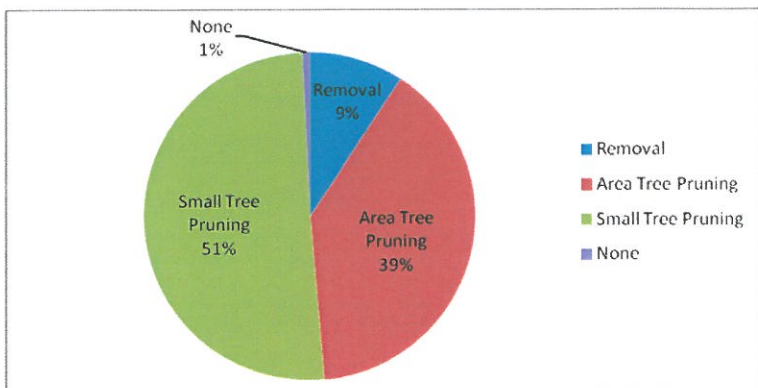
January 2014

City Tree Conditions



Condition Rating	Quantity
Very Good	9
Good	2010
Fair	13999
Poor	4012
Critical	398
Dead	467

Tree Maintenance



Priority Objectives

The following are the definitions for each of the three Priority Levels for trees requiring immediate or special attention

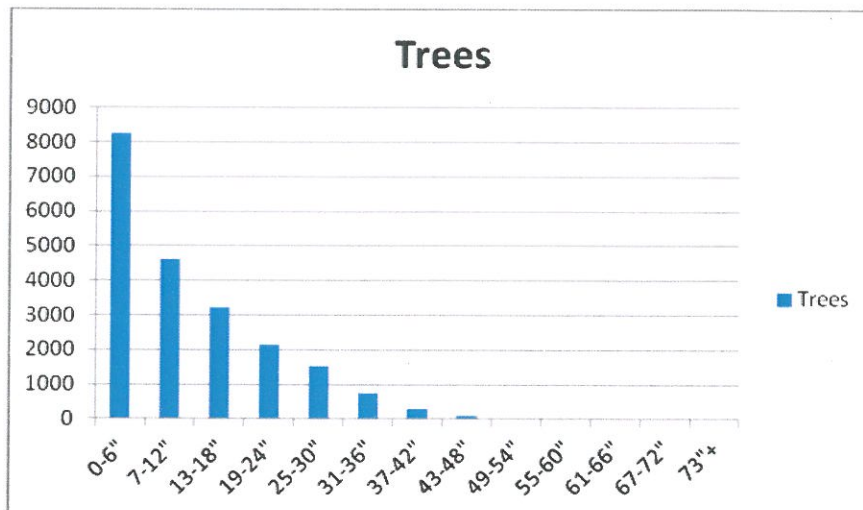
Priority One – Trees that are dead or have a risk rating of 9+ on a scale of 10.

Priority Two – Trees that are in critical condition or have a risk rating of 7 to 8.

Priority Three – Trees that are in poor condition with a risk rating less than 7.

Priority Level	Quantity	Percent of Total City Trees
Priority One	492	2.4%
Priority Two	1688	8.1%
Priority Three	3055	14.6%

Tree Size Distribution



DBH Range	Quantity
0-6"	8248
7-12"	4602
13-18"	3196
19-24"	2147
25-30"	1511
31-36"	740
37-42"	299
43-48"	110
49-54"	31
55-60"	7
61-66"	2
67-72"	0
73"+	2

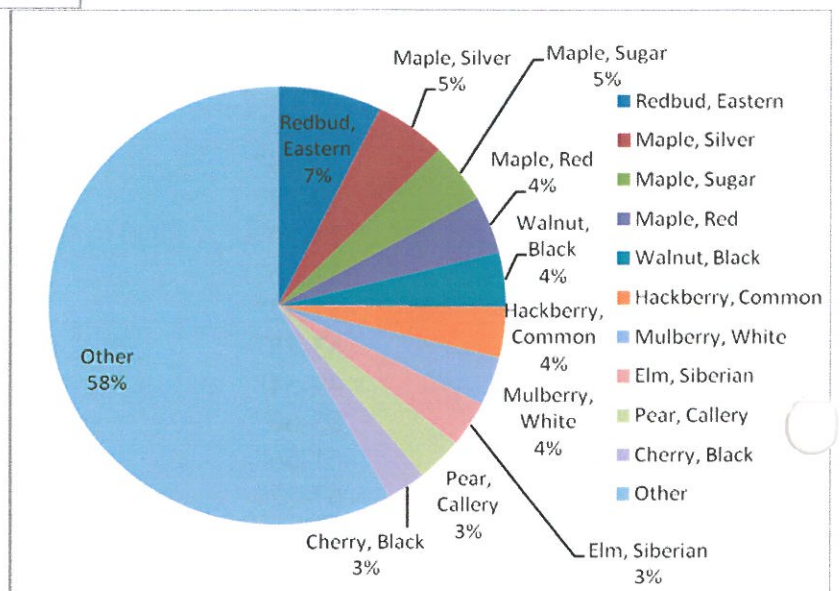
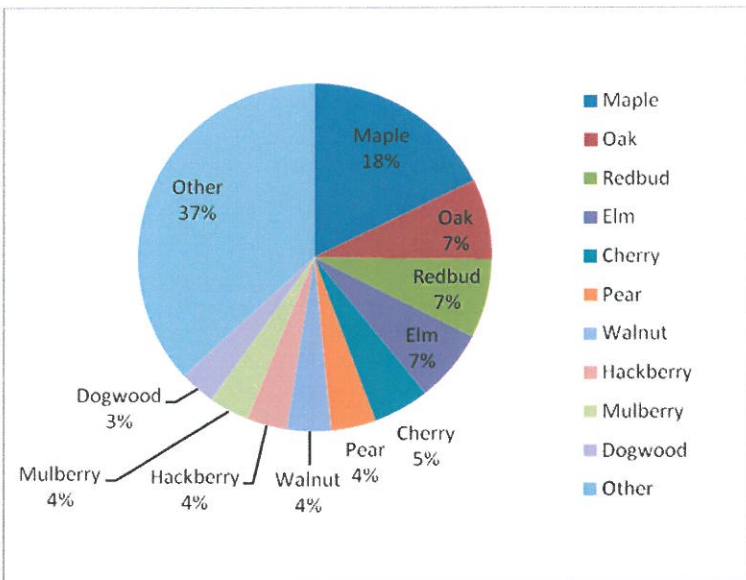
Diversity of City Trees

Top Ten Tree Types

Type	Quantity
Maple	3710
Oak	1551
Redbud	1536
Elm	1398
Cherry	1069
Pear	854
Walnut	840
Hackberry	772
Mulberry	772
Dogwood	694
Other	7699

Top Ten Tree Species

Type	Quantity
Redbud, Eastern	1531
Maple, Silver	1065
Maple, Sugar	927
Maple, Red	884
Walnut, Black	837
Hackberry, Common	772
Mulberry, White	753
Elm, Siberian	705
Pear, Callery	695
Cherry, Black	590
Other	12136



As a result of the analysis performed by Davey Resource Group during and after the city-wide tree inventory, it was found that Springfield's city-owned trees:

- Provide approximately 290 acres of canopy cover
- Intercept 49,949,800 gallons of rainwater
- Provide \$975,800 in benefits