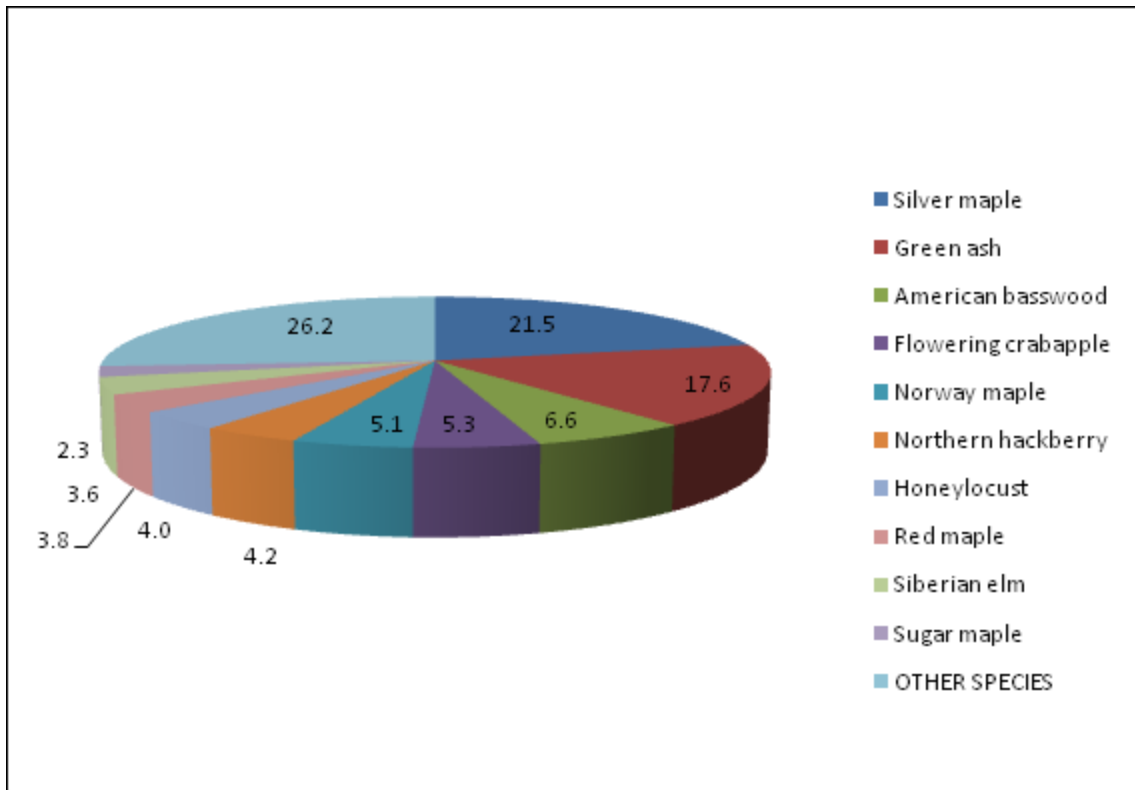


Species Distribution of Public Trees (%) Both street and park trees

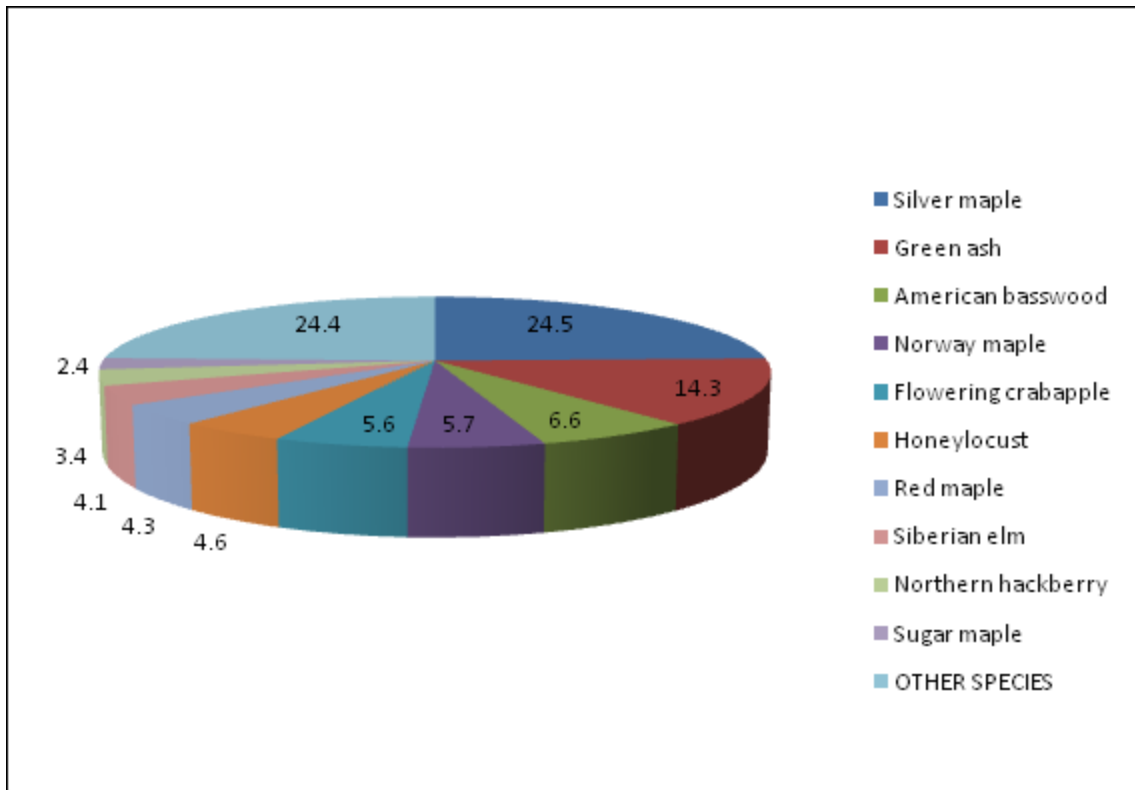
11/16/2010



| Species | Percent |
|---------------------|---------|
| Silver maple | 21.5 |
| Green ash | 17.6 |
| American basswood | 6.6 |
| Flowering crabapple | 5.3 |
| Norway maple | 5.1 |
| Northern hackberry | 4.2 |
| Honeylocust | 4.0 |
| Red maple | 3.8 |
| Siberian elm | 3.6 |
| Sugar maple | 2.3 |
| OTHER SPECIES | 26.2 |
| Total | 100.0 |

Species Distribution of Public Trees (%) Street trees

11/8/2010



| Species | Percent |
|---------------------|---------|
| Silver maple | 24.5 |
| Green ash | 14.3 |
| American basswood | 6.6 |
| Norway maple | 5.7 |
| Flowering crabapple | 5.6 |
| Honeylocust | 4.6 |
| Red maple | 4.3 |
| Siberian elm | 4.1 |
| Northern hackberry | 3.4 |
| Sugar maple | 2.4 |
| OTHER SPECIES | 24.4 |
| Total | 100.0 |

| |
|---|
| Complete Population of Public Trees Street trees |
|---|

11/16/2010

| Species | DBH Class (in) | | | | | Total Standard Error |
|---|----------------|------------|------------|------------|------------|----------------------|
| | 0-8 | 8-16 | 16-24 | 24-32 | >32 | |
| Broadleaf Deciduous Large (BDL) | | | | | | |
| Silver maple | 54 | 172 | 424 | 236 | 142 | 1,028 |
| Green ash | 50 | 258 | 226 | 50 | 14 | 598 |
| American basswood | 24 | 52 | 108 | 72 | 22 | 278 |
| Red maple | 166 | 12 | 2 | 2 | 0 | 182 |
| Northern hackberry | 2 | 26 | 70 | 24 | 20 | 142 |
| Sugar maple | 24 | 34 | 26 | 18 | 0 | 102 |
| White ash | 38 | 10 | 6 | 6 | 0 | 60 |
| Black walnut | 4 | 24 | 24 | 4 | 0 | 56 |
| American elm | 6 | 0 | 10 | 18 | 8 | 42 |
| Northern red oak | 24 | 8 | 6 | 0 | 0 | 38 |
| Northern catalpa | 4 | 12 | 10 | 4 | 0 | 30 |
| American sycamore | 0 | 2 | 4 | 12 | 10 | 28 |
| Eastern cottonwood | 4 | 6 | 2 | 4 | 12 | 28 |
| Kentucky coffeetree | 18 | 2 | 4 | 0 | 0 | 24 |
| Bur oak | 16 | 2 | 2 | 0 | 0 | 20 |
| White poplar | 0 | 0 | 2 | 0 | 0 | 2 |
| Total | 434 | 620 | 926 | 450 | 228 | 2,658 (±0) |
| Broadleaf Deciduous Medium (BDM) | | | | | | |
| Norway maple | 56 | 140 | 42 | 0 | 0 | 238 |
| Honeylocust | 58 | 36 | 70 | 28 | 2 | 194 |
| Siberian elm | 6 | 36 | 72 | 44 | 12 | 170 |
| Callery pear | 42 | 40 | 4 | 4 | 0 | 90 |
| Littleleaf linden | 10 | 18 | 10 | 0 | 0 | 38 |
| Ginkgo | 36 | 0 | 0 | 0 | 0 | 36 |
| Tree of heaven | 8 | 6 | 10 | 2 | 2 | 28 |
| Northern pin oak | 0 | 2 | 8 | 8 | 0 | 18 |
| River birch | 14 | 0 | 0 | 0 | 0 | 14 |
| Ohio buckeye | 8 | 4 | 0 | 0 | 0 | 12 |
| Swamp white oak | 6 | 2 | 0 | 0 | 0 | 8 |
| Silver birch | 2 | 4 | 0 | 0 | 0 | 6 |
| Willow | 0 | 0 | 4 | 0 | 0 | 4 |
| Boxelder | 2 | 0 | 0 | 0 | 0 | 2 |
| Total | 248 | 288 | 220 | 86 | 16 | 858 (±0) |
| Broadleaf Deciduous Small (BDS) | | | | | | |
| Flowering crabapple | 190 | 36 | 4 | 4 | 0 | 234 |
| Common chokecherry | 44 | 4 | 0 | 0 | 0 | 48 |
| Mountain ash | 10 | 6 | 4 | 0 | 0 | 20 |
| Mulberry | 10 | 6 | 2 | 0 | 0 | 18 |
| Amur maple | 8 | 2 | 6 | 0 | 0 | 16 |
| Eastern redbud | 10 | 4 | 0 | 0 | 0 | 14 |
| Japanese tree lilac | 10 | 0 | 0 | 0 | 0 | 10 |
| Plum | 6 | 0 | 0 | 0 | 0 | 6 |
| Black cherry | 0 | 6 | 0 | 0 | 0 | 6 |
| Total | 288 | 64 | 16 | 4 | 0 | 372 (±0) |
| Broadleaf Evergreen Large (BEL) | | | | | | |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Broadleaf Evergreen Medium (BEM) | | | | | | |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Broadleaf Evergreen Small (BES) | | | | | | |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Conifer Evergreen Large (CEL) | | | | | | |
| Scotch pine | 38 | 0 | 16 | 2 | 0 | 56 |
| Ponderosa pine | 0 | 8 | 4 | 2 | 0 | 14 |
| Northern white cedar | 14 | 0 | 0 | 0 | 0 | 14 |

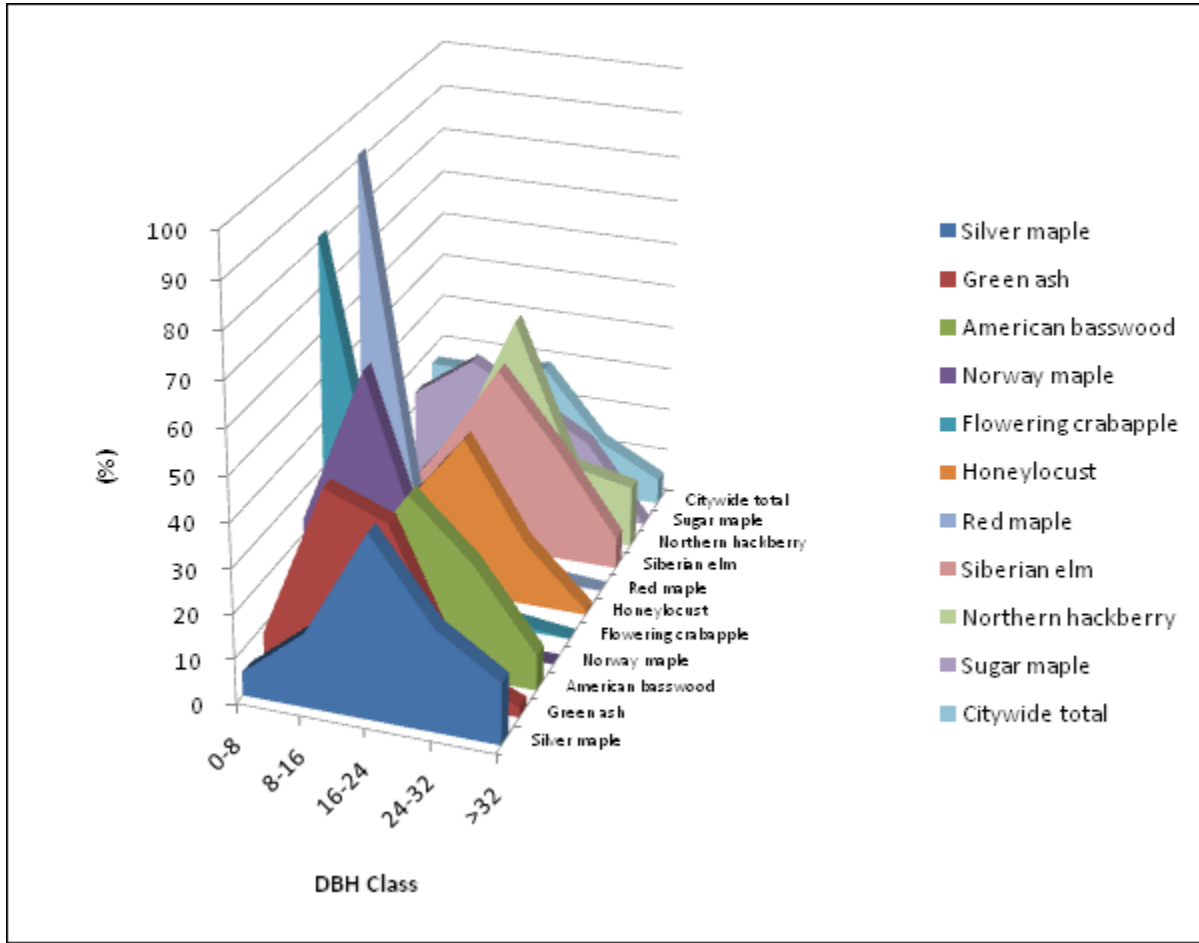
| |
|---|
| Complete Population of Public Trees Street trees |
|---|

11/16/2010

| Species | DBH Class (in) | | | | | Total Standard Error |
|---------------------------------------|----------------|--------------|--------------|------------|------------|-------------------------|
| | 0-8 | 8-16 | 16-24 | 24-32 | >32 | |
| Norway spruce | 2 | 6 | 0 | 0 | 0 | 8 |
| Eastern white pine | 0 | 0 | 4 | 0 | 0 | 4 |
| Douglas fir | 0 | 4 | 0 | 0 | 0 | 4 |
| White fir | 2 | 0 | 0 | 0 | 0 | 2 |
| Total | 56 | 18 | 24 | 4 | 0 | 102 (±0) |
| Conifer Evergreen Medium (CEM) | | | | | | |
| Blue spruce | 22 | 38 | 4 | 0 | 0 | 64 |
| Austrian pine | 0 | 46 | 16 | 0 | 0 | 62 |
| Black hills spruce | 0 | 0 | 2 | 0 | 0 | 2 |
| White Spruce | 2 | 0 | 0 | 0 | 0 | 2 |
| Total | 24 | 84 | 22 | 0 | 0 | 130 (±0) |
| Conifer Evergreen Small (CES) | | | | | | |
| Juniper | 46 | 20 | 4 | 0 | 0 | 70 |
| Total | 46 | 20 | 4 | 0 | 0 | 70 (±0) |
| Grand Total | 1,096 | 1,094 | 1,212 | 544 | 244 | 4,190 (±0) |

Relative Age Distribution of Top 10 Public Tree Species (%) Street trees

11/8/2010



| Species | DBH class (in) | | | | |
|---------------------|----------------|-------|-------|-------|-------|
| | 0-8 | 8-16 | 16-24 | 24-32 | >32 |
| Silver maple | 5.25 | 16.73 | 41.25 | 22.96 | 13.81 |
| Green ash | 8.36 | 43.14 | 37.79 | 8.36 | 2.34 |
| American basswood | 8.63 | 18.71 | 38.85 | 25.90 | 7.91 |
| Norway maple | 23.53 | 58.82 | 17.65 | 0.00 | 0.00 |
| Flowering crabapple | 81.20 | 15.38 | 1.71 | 1.71 | 0.00 |
| Honeylocust | 29.90 | 18.56 | 36.08 | 14.43 | 1.03 |
| Red maple | 91.21 | 6.59 | 1.10 | 1.10 | 0.00 |
| Siberian elm | 3.53 | 21.18 | 42.35 | 25.88 | 7.06 |
| Northern hackberry | 1.41 | 18.31 | 49.30 | 16.90 | 14.08 |
| Sugar maple | 23.53 | 33.33 | 25.49 | 17.65 | 0.00 |
| Citywide total | 26.16 | 26.11 | 28.93 | 12.98 | 5.82 |

Structural (Woody) Condition of Public Trees by Species Street trees

11/8/2010

| Species | Condition | Tree Count | Standard Error | % of Species | % of Public Trees |
|---------------------------|-----------|------------|----------------|--------------|-------------------|
| American basswood | Poor | 16 | (±0) | 5.76 | 0.38 |
| | Fair | 50 | (±0) | 17.99 | 1.19 |
| | Good | 168 | (±0) | 60.43 | 4.01 |
| | Excellent | 44 | (±0) | 15.83 | 1.05 |
| | Total | 278 | (±0) | 100.00 | 6.63 |
| American elm | Poor | 2 | (±0) | 4.76 | 0.05 |
| | Fair | 14 | (±0) | 33.33 | 0.33 |
| | Good | 12 | (±0) | 28.57 | 0.29 |
| | Excellent | 14 | (±0) | 33.33 | 0.33 |
| | Total | 42 | (±0) | 100.00 | 1.00 |
| American sycamore | Poor | 0 | (±0) | 0.00 | 0.00 |
| | Fair | 2 | (±0) | 7.14 | 0.05 |
| | Good | 16 | (±0) | 57.14 | 0.38 |
| | Excellent | 10 | (±0) | 35.71 | 0.24 |
| | Total | 28 | (±0) | 100.00 | 0.67 |
| Amur maple | Poor | 0 | (±0) | 0.00 | 0.00 |
| | Fair | 6 | (±0) | 37.50 | 0.14 |
| | Good | 10 | (±0) | 62.50 | 0.24 |
| | Excellent | 0 | (±0) | 0.00 | 0.00 |
| | Total | 16 | (±0) | 100.00 | 0.38 |
| Austrian pine | Poor | 6 | (±0) | 9.68 | 0.14 |
| | Fair | 20 | (±0) | 32.26 | 0.48 |
| | Good | 30 | (±0) | 48.39 | 0.72 |
| | Excellent | 6 | (±0) | 9.68 | 0.14 |
| | Total | 62 | (±0) | 100.00 | 1.48 |
| Black cherry | Poor | 0 | (±0) | 0.00 | 0.00 |
| | Fair | 2 | (±0) | 33.33 | 0.05 |
| | Good | 2 | (±0) | 33.33 | 0.05 |
| | Excellent | 2 | (±0) | 33.33 | 0.05 |
| | Total | 6 | (±0) | 100.00 | 0.14 |
| Black hills spruce | Poor | 0 | (±0) | 0.00 | 0.00 |
| | Fair | 0 | (±0) | 0.00 | 0.00 |
| | Good | 2 | (±0) | 100.00 | 0.05 |
| | Excellent | 0 | (±0) | 0.00 | 0.00 |
| | Total | 2 | (±0) | 100.00 | 0.05 |
| Black walnut | Poor | 4 | (±0) | 7.14 | 0.10 |
| | Fair | 18 | (±0) | 32.14 | 0.43 |
| | Good | 26 | (±0) | 46.43 | 0.62 |
| | Excellent | 8 | (±0) | 14.29 | 0.19 |
| | Total | 56 | (±0) | 100.00 | 1.34 |
| Blue spruce | Poor | 0 | (±0) | 0.00 | 0.00 |
| | Fair | 4 | (±0) | 6.25 | 0.10 |
| | Good | 20 | (±0) | 31.25 | 0.48 |
| | Excellent | 40 | (±0) | 62.50 | 0.95 |
| | Total | 64 | (±0) | 100.00 | 1.53 |
| Boxelder | Poor | 0 | (±0) | 0.00 | 0.00 |
| | Fair | 0 | (±0) | 0.00 | 0.00 |
| | Good | 2 | (±0) | 100.00 | 0.05 |
| | Excellent | 0 | (±0) | 0.00 | 0.00 |
| | Total | 2 | (±0) | 100.00 | 0.05 |
| Bur oak | Poor | 0 | (±0) | 0.00 | 0.00 |
| | Fair | 2 | (±0) | 10.00 | 0.05 |
| | Good | 10 | (±0) | 50.00 | 0.24 |
| | Excellent | 8 | (±0) | 40.00 | 0.19 |
| | Total | 20 | (±0) | 100.00 | 0.48 |

Structural (Woody) Condition of Public Trees by Species Street trees

11/8/2010

| Species | Condition | Tree Count | Standard Error | % of Species | % of Public Trees |
|----------------------------|-----------|------------|----------------|--------------|-------------------|
| Callery pear | Poor | 10 (±0) | | 11.11 | 0.24 |
| | Fair | 32 (±0) | | 35.56 | 0.76 |
| | Good | 18 (±0) | | 20.00 | 0.43 |
| | Excellent | 30 (±0) | | 33.33 | 0.72 |
| | Total | 90 (±0) | | 100.00 | 2.15 |
| Common chokecherry | Poor | 0 (±0) | | 0.00 | 0.00 |
| | Fair | 6 (±0) | | 12.50 | 0.14 |
| | Good | 28 (±0) | | 58.33 | 0.67 |
| | Excellent | 14 (±0) | | 29.17 | 0.33 |
| | Total | 48 (±0) | | 100.00 | 1.15 |
| Douglas fir | Poor | 2 (±0) | | 50.00 | 0.05 |
| | Fair | 0 (±0) | | 0.00 | 0.00 |
| | Good | 2 (±0) | | 50.00 | 0.05 |
| | Excellent | 0 (±0) | | 0.00 | 0.00 |
| | Total | 4 (±0) | | 100.00 | 0.10 |
| Eastern cottonwood | Poor | 2 (±0) | | 7.14 | 0.05 |
| | Fair | 12 (±0) | | 42.86 | 0.29 |
| | Good | 4 (±0) | | 14.29 | 0.10 |
| | Excellent | 10 (±0) | | 35.71 | 0.24 |
| | Total | 28 (±0) | | 100.00 | 0.67 |
| Eastern redbud | Poor | 2 (±0) | | 14.29 | 0.05 |
| | Fair | 2 (±0) | | 14.29 | 0.05 |
| | Good | 6 (±0) | | 42.86 | 0.14 |
| | Excellent | 4 (±0) | | 28.57 | 0.10 |
| | Total | 14 (±0) | | 100.00 | 0.33 |
| Eastern white pine | Poor | 0 (±0) | | 0.00 | 0.00 |
| | Fair | 0 (±0) | | 0.00 | 0.00 |
| | Good | 4 (±0) | | 100.00 | 0.10 |
| | Excellent | 0 (±0) | | 0.00 | 0.00 |
| | Total | 4 (±0) | | 100.00 | 0.10 |
| Flowering crabapple | Poor | 22 (±0) | | 9.40 | 0.53 |
| | Fair | 70 (±0) | | 29.91 | 1.67 |
| | Good | 66 (±0) | | 28.21 | 1.58 |
| | Excellent | 76 (±0) | | 32.48 | 1.81 |
| | Total | 234 (±0) | | 100.00 | 5.58 |
| Ginkgo | Poor | 0 (±0) | | 0.00 | 0.00 |
| | Fair | 6 (±0) | | 16.67 | 0.14 |
| | Good | 6 (±0) | | 16.67 | 0.14 |
| | Excellent | 24 (±0) | | 66.67 | 0.57 |
| | Total | 36 (±0) | | 100.00 | 0.86 |
| Green ash | Poor | 130 (±0) | | 21.74 | 3.10 |
| | Fair | 286 (±0) | | 47.83 | 6.83 |
| | Good | 140 (±0) | | 23.41 | 3.34 |
| | Excellent | 42 (±0) | | 7.02 | 1.00 |
| | Total | 598 (±0) | | 100.00 | 14.27 |
| Honeylocust | Poor | 32 (±0) | | 16.49 | 0.76 |
| | Fair | 78 (±0) | | 40.21 | 1.86 |
| | Good | 56 (±0) | | 28.87 | 1.34 |
| | Excellent | 28 (±0) | | 14.43 | 0.67 |
| | Total | 194 (±0) | | 100.00 | 4.63 |
| Japanese tree lilac | Poor | 2 (±0) | | 20.00 | 0.05 |
| | Fair | 0 (±0) | | 0.00 | 0.00 |
| | Good | 0 (±0) | | 0.00 | 0.00 |
| | Excellent | 8 (±0) | | 80.00 | 0.19 |
| | Total | 10 (±0) | | 100.00 | 0.24 |

Structural (Woody) Condition of Public Trees by Species Street trees

11/8/2010

| Species | Condition | Tree Count | Standard Error | % of Species | % of Public Trees |
|-----------------------------|-----------|------------|----------------|--------------|-------------------|
| Juniper | Poor | 10 (±0) | | 14.29 | 0.24 |
| | Fair | 32 (±0) | | 45.71 | 0.76 |
| | Good | 26 (±0) | | 37.14 | 0.62 |
| | Excellent | 2 (±0) | | 2.86 | 0.05 |
| | Total | 70 (±0) | | 100.00 | 1.67 |
| Kentucky coffeetree | Poor | 0 (±0) | | 0.00 | 0.00 |
| | Fair | 0 (±0) | | 0.00 | 0.00 |
| | Good | 0 (±0) | | 0.00 | 0.00 |
| | Excellent | 24 (±0) | | 100.00 | 0.57 |
| | Total | 24 (±0) | | 100.00 | 0.57 |
| Littleleaf linden | Poor | 0 (±0) | | 0.00 | 0.00 |
| | Fair | 8 (±0) | | 21.05 | 0.19 |
| | Good | 20 (±0) | | 52.63 | 0.48 |
| | Excellent | 10 (±0) | | 26.32 | 0.24 |
| | Total | 38 (±0) | | 100.00 | 0.91 |
| Mountain ash | Poor | 2 (±0) | | 10.00 | 0.05 |
| | Fair | 6 (±0) | | 30.00 | 0.14 |
| | Good | 12 (±0) | | 60.00 | 0.29 |
| | Excellent | 0 (±0) | | 0.00 | 0.00 |
| | Total | 20 (±0) | | 100.00 | 0.48 |
| Mulberry | Poor | 2 (±0) | | 11.11 | 0.05 |
| | Fair | 8 (±0) | | 44.44 | 0.19 |
| | Good | 8 (±0) | | 44.44 | 0.19 |
| | Excellent | 0 (±0) | | 0.00 | 0.00 |
| | Total | 18 (±0) | | 100.00 | 0.43 |
| Northern catalpa | Poor | 0 (±0) | | 0.00 | 0.00 |
| | Fair | 6 (±0) | | 20.00 | 0.14 |
| | Good | 16 (±0) | | 53.33 | 0.38 |
| | Excellent | 8 (±0) | | 26.67 | 0.19 |
| | Total | 30 (±0) | | 100.00 | 0.72 |
| Northern hackberry | Poor | 8 (±0) | | 5.63 | 0.19 |
| | Fair | 30 (±0) | | 21.13 | 0.72 |
| | Good | 68 (±0) | | 47.89 | 1.62 |
| | Excellent | 36 (±0) | | 25.35 | 0.86 |
| | Total | 142 (±0) | | 100.00 | 3.39 |
| Northern pin oak | Poor | 6 (±0) | | 33.33 | 0.14 |
| | Fair | 8 (±0) | | 44.44 | 0.19 |
| | Good | 4 (±0) | | 22.22 | 0.10 |
| | Excellent | 0 (±0) | | 0.00 | 0.00 |
| | Total | 18 (±0) | | 100.00 | 0.43 |
| Northern red oak | Poor | 2 (±0) | | 5.26 | 0.05 |
| | Fair | 10 (±0) | | 26.32 | 0.24 |
| | Good | 4 (±0) | | 10.53 | 0.10 |
| | Excellent | 22 (±0) | | 57.89 | 0.53 |
| | Total | 38 (±0) | | 100.00 | 0.91 |
| Northern white cedar | Poor | 0 (±0) | | 0.00 | 0.00 |
| | Fair | 0 (±0) | | 0.00 | 0.00 |
| | Good | 12 (±0) | | 85.71 | 0.29 |
| | Excellent | 2 (±0) | | 14.29 | 0.05 |
| | Total | 14 (±0) | | 100.00 | 0.33 |
| Norway maple | Poor | 12 (±0) | | 5.04 | 0.29 |
| | Fair | 52 (±0) | | 21.85 | 1.24 |
| | Good | 130 (±0) | | 54.62 | 3.10 |
| | Excellent | 44 (±0) | | 18.49 | 1.05 |
| | Total | 238 (±0) | | 100.00 | 5.68 |

Structural (Woody) Condition of Public Trees by Species Street trees

11/8/2010

| Species | Condition | Tree Count | Standard Error | % of Species | % of Public Trees |
|-----------------------|-----------|------------|----------------|--------------|-------------------|
| Norway spruce | Poor | 0 | (±0) | 0.00 | 0.00 |
| | Fair | 0 | (±0) | 0.00 | 0.00 |
| | Good | 2 | (±0) | 25.00 | 0.05 |
| | Excellent | 6 | (±0) | 75.00 | 0.14 |
| | Total | 8 | (±0) | 100.00 | 0.19 |
| Ohio buckeye | Poor | 2 | (±0) | 16.67 | 0.05 |
| | Fair | 4 | (±0) | 33.33 | 0.10 |
| | Good | 4 | (±0) | 33.33 | 0.10 |
| | Excellent | 2 | (±0) | 16.67 | 0.05 |
| | Total | 12 | (±0) | 100.00 | 0.29 |
| Plum | Poor | 2 | (±0) | 33.33 | 0.05 |
| | Fair | 0 | (±0) | 0.00 | 0.00 |
| | Good | 0 | (±0) | 0.00 | 0.00 |
| | Excellent | 4 | (±0) | 66.67 | 0.10 |
| | Total | 6 | (±0) | 100.00 | 0.14 |
| Ponderosa pine | Poor | 2 | (±0) | 14.29 | 0.05 |
| | Fair | 10 | (±0) | 71.43 | 0.24 |
| | Good | 2 | (±0) | 14.29 | 0.05 |
| | Excellent | 0 | (±0) | 0.00 | 0.00 |
| | Total | 14 | (±0) | 100.00 | 0.33 |
| Red maple | Poor | 10 | (±0) | 5.49 | 0.24 |
| | Fair | 46 | (±0) | 25.27 | 1.10 |
| | Good | 42 | (±0) | 23.08 | 1.00 |
| | Excellent | 84 | (±0) | 46.15 | 2.00 |
| | Total | 182 | (±0) | 100.00 | 4.34 |
| River birch | Poor | 2 | (±0) | 14.29 | 0.05 |
| | Fair | 6 | (±0) | 42.86 | 0.14 |
| | Good | 6 | (±0) | 42.86 | 0.14 |
| | Excellent | 0 | (±0) | 0.00 | 0.00 |
| | Total | 14 | (±0) | 100.00 | 0.33 |
| Scotch pine | Poor | 0 | (±0) | 0.00 | 0.00 |
| | Fair | 8 | (±0) | 14.29 | 0.19 |
| | Good | 30 | (±0) | 53.57 | 0.72 |
| | Excellent | 18 | (±0) | 32.14 | 0.43 |
| | Total | 56 | (±0) | 100.00 | 1.34 |
| Siberian elm | Poor | 32 | (±0) | 18.82 | 0.76 |
| | Fair | 124 | (±0) | 72.94 | 2.96 |
| | Good | 14 | (±0) | 8.24 | 0.33 |
| | Excellent | 0 | (±0) | 0.00 | 0.00 |
| | Total | 170 | (±0) | 100.00 | 4.06 |
| Silver birch | Poor | 0 | (±0) | 0.00 | 0.00 |
| | Fair | 0 | (±0) | 0.00 | 0.00 |
| | Good | 2 | (±0) | 33.33 | 0.05 |
| | Excellent | 4 | (±0) | 66.67 | 0.10 |
| | Total | 6 | (±0) | 100.00 | 0.14 |
| Silver maple | Poor | 164 | (±0) | 15.95 | 3.91 |
| | Fair | 434 | (±0) | 42.22 | 10.36 |
| | Good | 352 | (±0) | 34.24 | 8.40 |
| | Excellent | 78 | (±0) | 7.59 | 1.86 |
| | Total | 1,028 | (±0) | 100.00 | 24.53 |
| Sugar maple | Poor | 12 | (±0) | 11.76 | 0.29 |
| | Fair | 14 | (±0) | 13.73 | 0.33 |
| | Good | 68 | (±0) | 66.67 | 1.62 |
| | Excellent | 8 | (±0) | 7.84 | 0.19 |
| | Total | 102 | (±0) | 100.00 | 2.43 |

Structural (Woody) Condition of Public Trees by Species Street trees

11/8/2010

| Species | Condition | Tree Count | Standard Error | % of Species | % of Public Trees |
|------------------------|-----------|------------|----------------|--------------|-------------------|
| Swamp white oak | Poor | 2 | (±0) | 25.00 | 0.05 |
| | Fair | 0 | (±0) | 0.00 | 0.00 |
| | Good | 4 | (±0) | 50.00 | 0.10 |
| | Excellent | 2 | (±0) | 25.00 | 0.05 |
| | Total | 8 | (±0) | 100.00 | 0.19 |
| Tree of heaven | Poor | 0 | (±0) | 0.00 | 0.00 |
| | Fair | 14 | (±0) | 50.00 | 0.33 |
| | Good | 14 | (±0) | 50.00 | 0.33 |
| | Excellent | 0 | (±0) | 0.00 | 0.00 |
| | Total | 28 | (±0) | 100.00 | 0.67 |
| White ash | Poor | 6 | (±0) | 10.00 | 0.14 |
| | Fair | 6 | (±0) | 10.00 | 0.14 |
| | Good | 10 | (±0) | 16.67 | 0.24 |
| | Excellent | 38 | (±0) | 63.33 | 0.91 |
| | Total | 60 | (±0) | 100.00 | 1.43 |
| White fir | Poor | 0 | (±0) | 0.00 | 0.00 |
| | Fair | 0 | (±0) | 0.00 | 0.00 |
| | Good | 0 | (±0) | 0.00 | 0.00 |
| | Excellent | 2 | (±0) | 100.00 | 0.05 |
| | Total | 2 | (±0) | 100.00 | 0.05 |
| White poplar | Poor | 0 | (±0) | 0.00 | 0.00 |
| | Fair | 2 | (±0) | 100.00 | 0.05 |
| | Good | 0 | (±0) | 0.00 | 0.00 |
| | Excellent | 0 | (±0) | 0.00 | 0.00 |
| | Total | 2 | (±0) | 100.00 | 0.05 |
| White Spruce | Poor | 0 | (±0) | 0.00 | 0.00 |
| | Fair | 2 | (±0) | 100.00 | 0.05 |
| | Good | 0 | (±0) | 0.00 | 0.00 |
| | Excellent | 0 | (±0) | 0.00 | 0.00 |
| | Total | 2 | (±0) | 100.00 | 0.05 |
| Willow | Poor | 0 | (±0) | 0.00 | 0.00 |
| | Fair | 2 | (±0) | 50.00 | 0.05 |
| | Good | 2 | (±0) | 50.00 | 0.05 |
| | Excellent | 0 | (±0) | 0.00 | 0.00 |
| | Total | 4 | (±0) | 100.00 | 0.10 |

Norfolk

Importance Values for Public Most Abundant Trees Street trees

11/8/2010

| Species | Number of Trees | % of Total Trees | Leaf Area (ft ²) | % of Total Leaf Area | Canopy Cover (ft ²) | % of Total Canopy Cover | Importance Value |
|---------------------|-----------------|------------------|------------------------------|----------------------|---------------------------------|-------------------------|------------------|
| Silver maple | 1,028 | 24.5 | 4,774,394 | 39.8 | 1,460,830 | 38.6 | 34.3 |
| Green ash | 598 | 14.3 | 1,719,127 | 14.3 | 543,895 | 14.4 | 14.3 |
| American basswood | 278 | 6.6 | 1,018,887 | 8.5 | 286,775 | 7.6 | 7.6 |
| Norway maple | 238 | 5.7 | 316,352 | 2.6 | 140,175 | 3.7 | 4.0 |
| Flowering crabapple | 234 | 5.6 | 36,635 | 0.3 | 40,740 | 1.1 | 2.3 |
| Honeylocust | 194 | 4.6 | 737,221 | 6.1 | 210,699 | 5.6 | 5.4 |
| Red maple | 182 | 4.3 | 44,332 | 0.4 | 35,427 | 0.9 | 1.9 |
| Siberian elm | 170 | 4.1 | 590,479 | 4.9 | 218,199 | 5.8 | 4.9 |
| Northern hackberry | 142 | 3.4 | 582,024 | 4.9 | 215,737 | 5.7 | 4.6 |
| Sugar maple | 102 | 2.4 | 283,915 | 2.4 | 86,578 | 2.3 | 2.4 |
| Callery pear | 90 | 2.1 | 90,852 | 0.8 | 40,401 | 1.1 | 1.3 |
| Juniper | 70 | 1.7 | 50,743 | 0.4 | 11,388 | 0.3 | 0.8 |
| Blue spruce | 64 | 1.5 | 78,669 | 0.7 | 18,232 | 0.5 | 0.9 |
| Austrian pine | 62 | 1.5 | 126,584 | 1.1 | 25,776 | 0.7 | 1.1 |
| White ash | 60 | 1.4 | 101,933 | 0.8 | 36,448 | 1.0 | 1.1 |
| Black walnut | 56 | 1.3 | 153,839 | 1.3 | 50,143 | 1.3 | 1.3 |
| Scotch pine | 56 | 1.3 | 113,753 | 0.9 | 13,997 | 0.4 | 0.9 |
| Common chokecherry | 48 | 1.1 | 3,281 | 0.0 | 5,525 | 0.1 | 0.4 |
| American elm | 42 | 1.0 | 296,732 | 2.5 | 74,340 | 2.0 | 1.8 |
| OTHER TREES | 476 | 11.4 | 879,322 | 7.3 | 266,000 | 7.0 | 8.6 |
| Total | 4,190 | 100.0 | 11,999,074 | 100.0 | 3,781,304 | 100.0 | 100.0 |

Norfolk

Relative Performance Index for Public Trees Street trees

11/8/2010

| Species | Poor | Fair | Good | Excellent | RPI | # of Standard Trees Error | % of Public |
|----------------------|-------|--------|--------|-----------|------|------------------------------|----------------|
| Silver maple | 15.95 | 42.22 | 34.24 | 7.59 | 0.93 | 1,028 (±0) | 24.53 |
| Green ash | 21.74 | 47.83 | 23.41 | 7.02 | 0.87 | 598 (±0) | 14.27 |
| American basswood | 5.76 | 17.99 | 60.43 | 15.83 | 1.09 | 278 (±0) | 6.63 |
| Norway maple | 5.04 | 21.85 | 54.62 | 18.49 | 1.09 | 238 (±0) | 5.68 |
| Flowering crabapple | 9.40 | 29.91 | 28.21 | 32.48 | 1.06 | 234 (±0) | 5.58 |
| Honeylocust | 16.49 | 40.21 | 28.87 | 14.43 | 0.94 | 194 (±0) | 4.63 |
| Red maple | 5.49 | 25.27 | 23.08 | 46.15 | 1.13 | 182 (±0) | 4.34 |
| Siberian elm | 18.82 | 72.94 | 8.24 | 0.00 | 0.78 | 170 (±0) | 4.06 |
| Northern hackberry | 5.63 | 21.13 | 47.89 | 25.35 | 1.10 | 142 (±0) | 3.39 |
| Sugar maple | 11.76 | 13.73 | 66.67 | 7.84 | 1.05 | 102 (±0) | 2.43 |
| Callery pear | 11.11 | 35.56 | 20.00 | 33.33 | 1.03 | 90 (±0) | 2.15 |
| Juniper | 14.29 | 45.71 | 37.14 | 2.86 | 0.91 | 70 (±0) | 1.67 |
| Blue spruce | 0.00 | 6.25 | 31.25 | 62.50 | 1.27 | 64 (±0) | 1.53 |
| Austrian pine | 9.68 | 32.26 | 48.39 | 9.68 | 1.01 | 62 (±0) | 1.48 |
| White ash | 10.00 | 10.00 | 16.67 | 63.33 | 1.19 | 60 (±0) | 1.43 |
| Black walnut | 7.14 | 32.14 | 46.43 | 14.29 | 1.03 | 56 (±0) | 1.34 |
| Scotch pine | 0.00 | 14.29 | 53.57 | 32.14 | 1.18 | 56 (±0) | 1.34 |
| Common chokecherry | 0.00 | 12.50 | 58.33 | 29.17 | 1.18 | 48 (±0) | 1.15 |
| American elm | 4.76 | 33.33 | 28.57 | 33.33 | 1.08 | 42 (±0) | 1.00 |
| Littleleaf linden | 0.00 | 21.05 | 52.63 | 26.32 | 1.15 | 38 (±0) | 0.91 |
| Northern red oak | 5.26 | 26.32 | 10.53 | 57.89 | 1.16 | 38 (±0) | 0.91 |
| Ginkgo | 0.00 | 16.67 | 16.67 | 66.67 | 1.24 | 36 (±0) | 0.86 |
| Northern catalpa | 0.00 | 20.00 | 53.33 | 26.67 | 1.15 | 30 (±0) | 0.72 |
| Eastern cottonwood | 7.14 | 42.86 | 14.29 | 35.71 | 1.04 | 28 (±0) | 0.67 |
| American sycamore | 0.00 | 7.14 | 57.14 | 35.71 | 1.21 | 28 (±0) | 0.67 |
| Tree of heaven | 0.00 | 50.00 | 50.00 | 0.00 | 0.99 | 28 (±0) | 0.67 |
| Kentucky coffeetree | 0.00 | 0.00 | 0.00 | 100.00 | 1.37 | 24 (±0) | 0.57 |
| Bur oak | 0.00 | 10.00 | 50.00 | 40.00 | 1.21 | 20 (±0) | 0.48 |
| Mountain ash | 10.00 | 30.00 | 60.00 | 0.00 | 0.99 | 20 (±0) | 0.48 |
| Northern pin oak | 33.33 | 44.44 | 22.22 | 0.00 | 0.78 | 18 (±0) | 0.43 |
| Mulberry | 11.11 | 44.44 | 44.44 | 0.00 | 0.93 | 18 (±0) | 0.43 |
| Amur maple | 0.00 | 37.50 | 62.50 | 0.00 | 1.03 | 16 (±0) | 0.38 |
| Eastern redbud | 14.29 | 14.29 | 42.86 | 28.57 | 1.08 | 14 (±0) | 0.33 |
| River birch | 14.29 | 42.86 | 42.86 | 0.00 | 0.92 | 14 (±0) | 0.33 |
| Northern white cedar | 0.00 | 0.00 | 85.71 | 14.29 | 1.19 | 14 (±0) | 0.33 |
| Ponderosa pine | 14.29 | 71.43 | 14.29 | 0.00 | 0.82 | 14 (±0) | 0.33 |
| Ohio buckeye | 16.67 | 33.33 | 33.33 | 16.67 | 0.97 | 12 (±0) | 0.29 |
| Japanese tree lilac | 20.00 | 0.00 | 0.00 | 80.00 | 1.19 | 10 (±0) | 0.24 |
| Swamp white oak | 25.00 | 0.00 | 50.00 | 25.00 | 1.04 | 8 (±0) | 0.19 |
| Norway spruce | 0.00 | 0.00 | 25.00 | 75.00 | 1.32 | 8 (±0) | 0.19 |
| Silver birch | 0.00 | 0.00 | 33.33 | 66.67 | 1.30 | 6 (±0) | 0.14 |
| Black cherry | 0.00 | 33.33 | 33.33 | 33.33 | 1.12 | 6 (±0) | 0.14 |
| Plum | 33.33 | 0.00 | 0.00 | 66.67 | 1.07 | 6 (±0) | 0.14 |
| Eastern white pine | 0.00 | 0.00 | 100.00 | 0.00 | 1.16 | 4 (±0) | 0.10 |
| Willow | 0.00 | 50.00 | 50.00 | 0.00 | 0.99 | 4 (±0) | 0.10 |
| Douglas fir | 50.00 | 0.00 | 50.00 | 0.00 | 0.82 | 4 (±0) | 0.10 |
| White Spruce | 0.00 | 100.00 | 0.00 | 0.00 | 0.82 | 2 (±0) | 0.05 |
| White poplar | 0.00 | 100.00 | 0.00 | 0.00 | 0.82 | 2 (±0) | 0.05 |
| Black hills spruce | 0.00 | 0.00 | 100.00 | 0.00 | 1.16 | 2 (±0) | 0.05 |
| Boxelder | 0.00 | 0.00 | 100.00 | 0.00 | 1.16 | 2 (±0) | 0.05 |
| White fir | 0.00 | 0.00 | 0.00 | 100.00 | 1.37 | 2 (±0) | 0.05 |
| Citywide | 12.08 | 34.42 | 35.32 | 18.19 | 1.00 | 4,190 (±0) | 100.00 |

Norfolk

Annual Benefits of Public Trees by Species (\$/tree) Street trees

12/15/2010

| Species | Energy | CO ₂ | Air Quality | Stormwater | Aesthetic/Other | Total (\$) | Standard Error |
|---------------------|--------|-----------------|-------------|------------|-----------------|------------|----------------|
| Silver maple | 47.15 | 10.01 | 9.64 | 87.53 | 51.10 | 205.44 | (±) |
| Green ash | 36.27 | 5.96 | 7.16 | 49.92 | 28.65 | 127.97 | (±) |
| American basswood | 41.66 | 7.17 | 7.48 | 59.31 | 30.23 | 145.86 | (±) |
| Norway maple | 27.32 | 3.91 | 5.32 | 27.78 | 18.58 | 82.91 | (±) |
| Flowering crabapple | 7.92 | 0.98 | 1.48 | 4.28 | 2.24 | 16.89 | (±) |
| Honeylocust | 37.70 | 6.79 | 7.34 | 52.58 | 80.04 | 184.45 | (±) |
| Red maple | 8.23 | 1.01 | 1.53 | 6.51 | 6.21 | 23.50 | (±) |
| Siberian elm | 46.08 | 6.55 | 9.55 | 63.77 | 24.18 | 150.12 | (±) |
| Northern hackberry | 55.03 | 6.33 | 11.22 | 71.24 | 32.75 | 176.57 | (±) |
| Sugar maple | 32.26 | 4.79 | 5.96 | 44.55 | 25.20 | 112.76 | (±) |
| Callery pear | 20.88 | 2.93 | 4.05 | 21.06 | 14.43 | 63.36 | (±) |
| Juniper | 7.11 | 0.61 | 0.64 | 14.21 | 8.18 | 30.75 | (±) |
| Blue spruce | 13.00 | 1.27 | 1.73 | 24.25 | 11.94 | 52.21 | (±) |
| Austrian pine | 18.48 | 1.90 | 2.43 | 38.40 | 14.28 | 75.49 | (±) |
| White ash | 20.78 | 3.76 | 4.42 | 31.12 | 24.12 | 84.20 | (±) |
| Black walnut | 36.16 | 5.95 | 7.08 | 48.37 | 28.78 | 126.33 | (±) |
| Scotch pine | 10.87 | 1.23 | 0.74 | 29.01 | 11.42 | 53.27 | (±) |
| Common chokecherry | 5.39 | 0.69 | 0.94 | 2.50 | 1.58 | 11.09 | (±) |
| American elm | 56.58 | 6.54 | 12.11 | 93.11 | 34.48 | 202.81 | (±) |
| OTHER STREET TRI | 22.26 | 3.33 | 4.36 | 31.65 | 15.56 | 77.16 | (±NaN) |

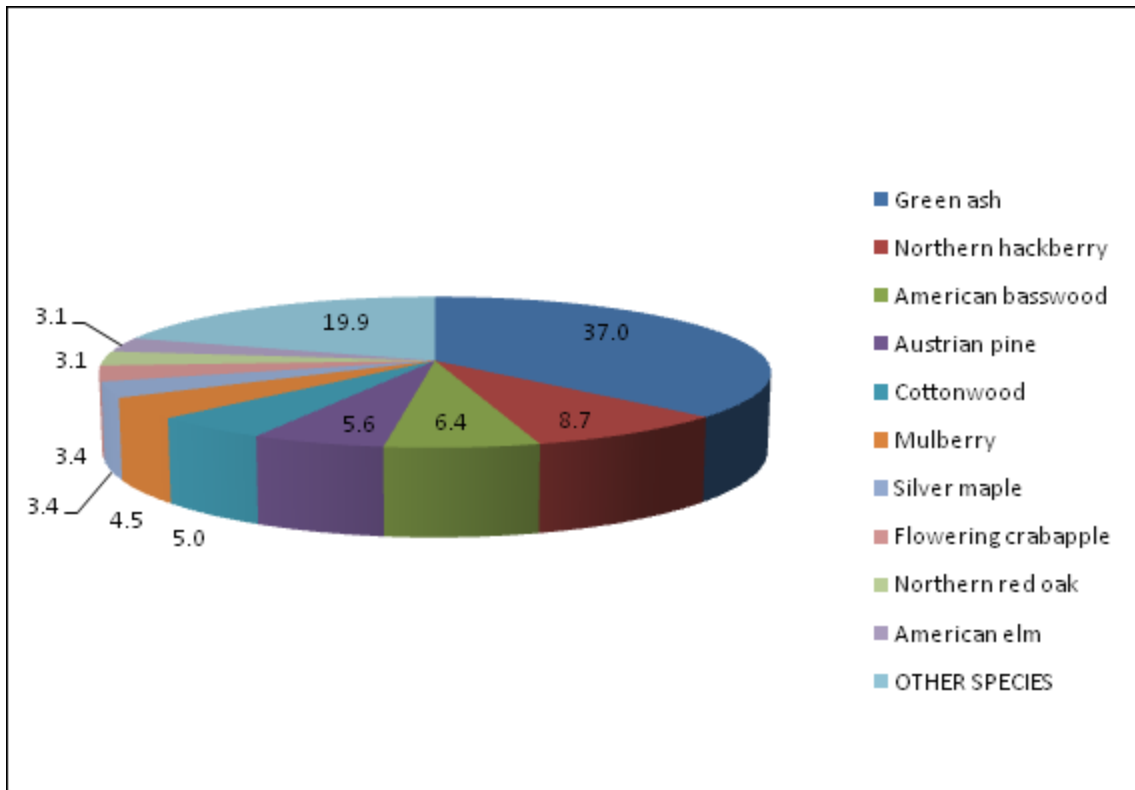
Total Annual Benefits of Public Trees by Species (\$) Street trees

12/15/201

| Species | Energy | CO ₂ | Air Quality | Stormwater | Aesthetic/Other | Total (\$) | Standard Error | % of Total \$ |
|---------------------|---------|-----------------|-------------|------------|-----------------|------------|----------------|---------------|
| Silver maple | 48,465 | 10,294 | 9,915 | 89,983 | 52,532 | 211,190 | (±) | 39.8 |
| Green ash | 21,690 | 3,567 | 4,283 | 29,852 | 17,134 | 76,525 | (±) | 14.4 |
| American basswood | 11,582 | 1,993 | 2,081 | 16,487 | 8,405 | 40,548 | (±) | 7.6 |
| Norway maple | 6,502 | 931 | 1,266 | 6,612 | 4,421 | 19,732 | (±) | 3.7 |
| Flowering crabapple | 1,853 | 229 | 345 | 1,001 | 524 | 3,952 | (±) | 0.7 |
| Honeylocust | 7,314 | 1,317 | 1,424 | 10,201 | 15,527 | 35,783 | (±) | 6.7 |
| Red maple | 1,498 | 185 | 278 | 1,185 | 1,131 | 4,276 | (±) | 0.8 |
| Siberian elm | 7,833 | 1,114 | 1,623 | 10,840 | 4,111 | 25,521 | (±) | 4.8 |
| Northern hackberry | 7,814 | 899 | 1,594 | 10,116 | 4,651 | 25,074 | (±) | 4.7 |
| Sugar maple | 3,291 | 488 | 608 | 4,544 | 2,571 | 11,502 | (±) | 2.2 |
| Callery pear | 1,879 | 264 | 365 | 1,895 | 1,299 | 5,703 | (±) | 1.1 |
| Juniper | 498 | 43 | 45 | 994 | 573 | 2,152 | (±) | 0.4 |
| Blue spruce | 832 | 82 | 111 | 1,552 | 764 | 3,341 | (±) | 0.6 |
| Austrian pine | 1,146 | 118 | 151 | 2,381 | 885 | 4,680 | (±) | 0.9 |
| White ash | 1,247 | 226 | 265 | 1,867 | 1,447 | 5,052 | (±) | 1.0 |
| Black walnut | 2,025 | 333 | 396 | 2,708 | 1,612 | 7,075 | (±) | 1.3 |
| Scotch pine | 609 | 69 | 42 | 1,625 | 640 | 2,983 | (±) | 0.6 |
| Common chokecherry | 259 | 33 | 45 | 120 | 76 | 533 | (±) | 0.1 |
| American elm | 2,376 | 275 | 509 | 3,910 | 1,448 | 8,518 | (±) | 1.6 |
| OTHER STREET TREE | 10,595 | 1,583 | 2,077 | 15,066 | 7,407 | 36,729 | (±NaN) | 6.9 |
| Citywide Total | 139,307 | 24,042 | 27,421 | 212,941 | 127,159 | 530,869 | (±) | 100.0 |

Species Distribution of Public Trees (%) All Park Trees

11/16/2010



| Species | Percent |
|---------------------|---------|
| Green ash | 37.0 |
| Northern hackberry | 8.7 |
| American basswood | 6.4 |
| Austrian pine | 5.6 |
| Cottonwood | 5.0 |
| Mulberry | 4.5 |
| Silver maple | 3.4 |
| Flowering crabapple | 3.4 |
| Northern red oak | 3.1 |
| American elm | 3.1 |
| OTHER SPECIES | 19.9 |
| Total | 100.0 |

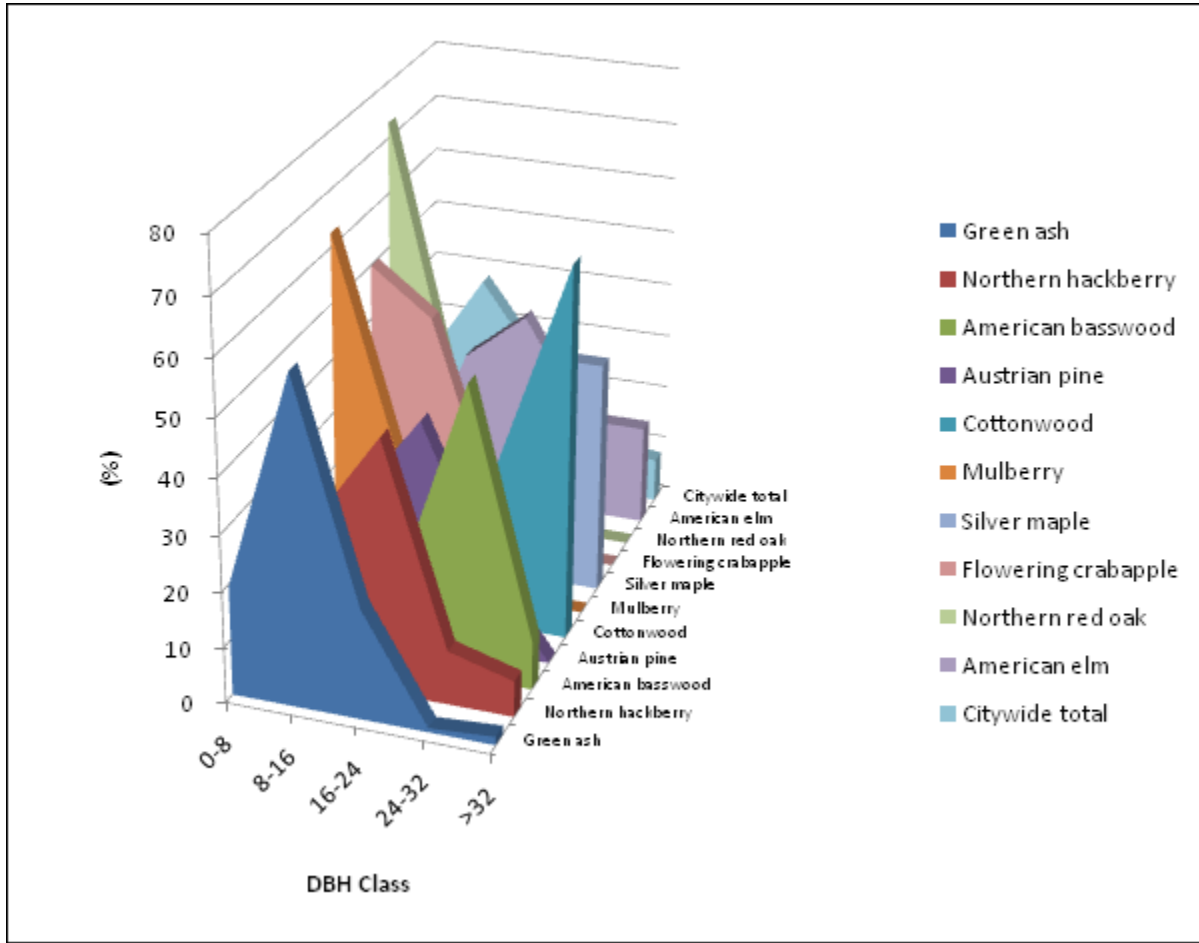
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|---|
| Complete Population of Public Trees All Park Trees |
|---|

11/16/2010

| Species | DBH Class (in) | | | | | Total Standard Error |
|---|----------------|------------|-----------|-----------|-----------|----------------------|
| | 0-8 | 8-16 | 16-24 | 24-32 | >32 | |
| Broadleaf Deciduous Large (BDL) | | | | | | |
| Green ash | 26 | 77 | 26 | 1 | 2 | 132 |
| Northern hackberry | 3 | 9 | 14 | 3 | 2 | 31 |
| American basswood | 1 | 4 | 4 | 12 | 2 | 23 |
| Cottonwood | 0 | 0 | 0 | 6 | 12 | 18 |
| Silver maple | 1 | 0 | 1 | 5 | 5 | 12 |
| Northern red oak | 8 | 3 | 0 | 0 | 0 | 11 |
| American elm | 0 | 3 | 4 | 2 | 2 | 11 |
| Sugar maple | 0 | 1 | 4 | 0 | 0 | 5 |
| Red maple | 2 | 0 | 0 | 0 | 0 | 2 |
| Northern catalpa | 0 | 0 | 0 | 0 | 1 | 1 |
| Black walnut | 0 | 0 | 1 | 0 | 0 | 1 |
| Total | 41 | 97 | 54 | 29 | 26 | 247 (±165) |
| Broadleaf Deciduous Medium (BDM) | | | | | | |
| Norway maple | 5 | 0 | 0 | 0 | 0 | 5 |
| Siberian elm | 0 | 3 | 1 | 0 | 0 | 4 |
| Boxelder | 0 | 0 | 0 | 0 | 2 | 2 |
| Honeylocust | 0 | 0 | 1 | 0 | 0 | 1 |
| Northern pin oak | 1 | 0 | 0 | 0 | 0 | 1 |
| Littleleaf linden | 0 | 1 | 0 | 0 | 0 | 1 |
| Total | 6 | 4 | 2 | 0 | 2 | 14 (±9) |
| Broadleaf Deciduous Small (BDS) | | | | | | |
| Mulberry | 10 | 4 | 2 | 0 | 0 | 16 |
| Flowering crabapple | 6 | 5 | 1 | 0 | 0 | 12 |
| Total | 16 | 9 | 3 | 0 | 0 | 28 (±19) |
| Broadleaf Evergreen Large (BEL) | | | | | | |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Broadleaf Evergreen Medium (BEM) | | | | | | |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Broadleaf Evergreen Small (BES) | | | | | | |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Conifer Evergreen Large (CEL) | | | | | | |
| Scotch pine | 0 | 2 | 4 | 0 | 0 | 6 |
| Douglas fir | 2 | 3 | 1 | 0 | 0 | 6 |
| Norway spruce | 0 | 0 | 0 | 1 | 0 | 1 |
| Total | 2 | 5 | 5 | 1 | 0 | 13 (±9) |
| Conifer Evergreen Medium (CEM) | | | | | | |
| Austrian pine | 4 | 5 | 8 | 3 | 0 | 20 |
| White Spruce | 1 | 6 | 3 | 0 | 0 | 10 |
| Blue spruce | 1 | 1 | 5 | 2 | 0 | 9 |
| Black spruce | 0 | 8 | 0 | 0 | 0 | 8 |
| Black hills spruce | 0 | 0 | 1 | 0 | 0 | 1 |
| Total | 6 | 20 | 17 | 5 | 0 | 48 (±32) |
| Conifer Evergreen Small (CES) | | | | | | |
| Eastern red cedar | 4 | 1 | 2 | 0 | 0 | 7 |
| Total | 4 | 1 | 2 | 0 | 0 | 7 (±5) |
| Grand Total | 75 | 136 | 83 | 35 | 28 | 357 (±81) |

Relative Age Distribution of Top 10 Public Tree Species (%) All Park Trees

11/16/2010



| Species | DBH class (in) | | | | |
|---------------------|----------------|-------|-------|-------|-------|
| | 0-8 | 8-16 | 16-24 | 24-32 | >32 |
| Green ash | 19.70 | 58.33 | 19.70 | 0.76 | 1.52 |
| Northern hackberry | 9.68 | 29.03 | 45.16 | 9.68 | 6.45 |
| American basswood | 4.35 | 17.39 | 17.39 | 52.17 | 8.70 |
| Austrian pine | 20.00 | 25.00 | 40.00 | 15.00 | 0.00 |
| Cottonwood | 0.00 | 0.00 | 0.00 | 33.33 | 66.67 |
| Mulberry | 62.50 | 25.00 | 12.50 | 0.00 | 0.00 |
| Silver maple | 8.33 | 0.00 | 8.33 | 41.67 | 41.67 |
| Flowering crabapple | 50.00 | 41.67 | 8.33 | 0.00 | 0.00 |
| Northern red oak | 72.73 | 27.27 | 0.00 | 0.00 | 0.00 |
| American elm | 0.00 | 27.27 | 36.36 | 18.18 | 18.18 |
| Citywide total | 21.01 | 38.10 | 23.25 | 9.80 | 7.84 |

Population Summary of Public Trees for Zone 2 Central Park Trees Only

11/16/2010

| Species | DBH Class (in) | | | | | Total Standard Error |
|---|----------------|----------|----------|-----------|----------|----------------------|
| | 0-8 | 8-16 | 16-24 | 24-32 | >32 | |
| Broadleaf Deciduous Large (BDL) | | | | | | |
| Northern hackberry | 0 | 3 | 2 | 2 | 0 | 7 (±0) |
| Cottonwood | 0 | 0 | 0 | 6 | 1 | 7 (±0) |
| Silver maple | 0 | 0 | 0 | 4 | 2 | 6 (±0) |
| Black walnut | 0 | 0 | 1 | 0 | 0 | 1 (±0) |
| American basswood | 0 | 0 | 1 | 0 | 0 | 1 (±0) |
| BDL OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 3 | 4 | 12 | 3 | 22 (±NaN) |
| Broadleaf Deciduous Medium (BDM) | | | | | | |
| Norway maple | 4 | 0 | 0 | 0 | 0 | 4 (±0) |
| Littleleaf linden | 0 | 1 | 0 | 0 | 0 | 1 (±0) |
| BDM OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 4 | 1 | 0 | 0 | 0 | 5 (±NaN) |
| Broadleaf Deciduous Small (BDS) | | | | | | |
| Flowering crabapple | 1 | 0 | 0 | 0 | 0 | 1 (±0) |
| BDS OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 1 | 0 | 0 | 0 | 0 | 1 (±NaN) |
| Broadleaf Evergreen Large (BEL) | | | | | | |
| BEL OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±NaN) |
| Broadleaf Evergreen Medium (BEM) | | | | | | |
| BEM OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±NaN) |
| Broadleaf Evergreen Small (BES) | | | | | | |
| BES OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±NaN) |
| Conifer Evergreen Large (CEL) | | | | | | |
| CEL OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±NaN) |
| Conifer Evergreen Medium (CEM) | | | | | | |
| CEM OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±NaN) |
| Conifer Evergreen Small (CES) | | | | | | |
| CES OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±NaN) |
| Grand Total | 5 | 4 | 4 | 12 | 3 | 28 (±0) |

Population Summary of Public Trees for Zone 3 Westside Park Trees Only

11/16/2010

| Species | DBH Class (in) | | | | | Total Standard Error |
|---|----------------|----------|----------|----------|----------|----------------------|
| | 0-8 | 8-16 | 16-24 | 24-32 | >32 | |
| Broadleaf Deciduous Large (BDL) | | | | | | |
| Red maple | 1 | 0 | 0 | 0 | 0 | 1 (±0) |
| Silver maple | 1 | 0 | 0 | 0 | 0 | 1 (±0) |
| Green ash | 1 | 0 | 0 | 0 | 0 | 1 (±0) |
| BDL OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 3 | 0 | 0 | 0 | 0 | 3 (±0) |
| Broadleaf Deciduous Medium (BDM) | | | | | | |
| BDM OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Broadleaf Deciduous Small (BDS) | | | | | | |
| BDS OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Broadleaf Evergreen Large (BEL) | | | | | | |
| BEL OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Broadleaf Evergreen Medium (BEM) | | | | | | |
| BEM OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Broadleaf Evergreen Small (BES) | | | | | | |
| BES OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Conifer Evergreen Large (CEL) | | | | | | |
| CEL OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Conifer Evergreen Medium (CEM) | | | | | | |
| CEM OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Conifer Evergreen Small (CES) | | | | | | |
| CES OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Grand Total | 3 | 0 | 0 | 0 | 0 | 3 (±0) |

Population Summary of Public Trees for Zone 4 Johnson Park Trees Only

11/16/2010

| Species | DBH Class (in) | | | | | Total Standard Error |
|---|----------------|-----------|-----------|-----------|-----------|----------------------|
| | 0-8 | 8-16 | 16-24 | 24-32 | >32 | |
| Broadleaf Deciduous Large (BDL) | | | | | | |
| Green ash | 4 | 8 | 2 | 1 | 0 | 15 (±0) |
| Northern hackberry | 3 | 5 | 0 | 1 | 2 | 11 (±0) |
| Cottonwood | 0 | 0 | 0 | 0 | 11 | 11 (±0) |
| American elm | 0 | 3 | 4 | 2 | 1 | 10 (±0) |
| American basswood | 0 | 0 | 3 | 4 | 2 | 9 (±0) |
| Silver maple | 0 | 0 | 1 | 1 | 3 | 5 (±0) |
| BDL OTHER | 1 | 0 | 0 | 0 | 1 | 2 (±0) |
| Total | 8 | 16 | 10 | 9 | 20 | 63 (±0) |
| Broadleaf Deciduous Medium (BDM) | | | | | | |
| Siberian elm | 0 | 3 | 1 | 0 | 0 | 4 (±0) |
| BDM OTHER | 2 | 0 | 1 | 0 | 0 | 3 (±0) |
| Total | 2 | 3 | 2 | 0 | 0 | 7 (±0) |
| Broadleaf Deciduous Small (BDS) | | | | | | |
| Flowering crabapple | 2 | 1 | 1 | 0 | 0 | 4 (±0) |
| Mulberry | 0 | 2 | 1 | 0 | 0 | 3 (±0) |
| BDS OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 2 | 3 | 2 | 0 | 0 | 7 (±0) |
| Broadleaf Evergreen Large (BEL) | | | | | | |
| BEL OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Broadleaf Evergreen Medium (BEM) | | | | | | |
| BEM OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Broadleaf Evergreen Small (BES) | | | | | | |
| BES OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Conifer Evergreen Large (CEL) | | | | | | |
| Douglas fir | 2 | 3 | 1 | 0 | 0 | 6 (±0) |
| CEL OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 2 | 3 | 1 | 0 | 0 | 6 (±0) |
| Conifer Evergreen Medium (CEM) | | | | | | |
| Austrian pine | 4 | 5 | 5 | 3 | 0 | 17 (±0) |
| White Spruce | 1 | 6 | 3 | 0 | 0 | 10 (±0) |
| Blue spruce | 0 | 1 | 1 | 0 | 0 | 2 (±0) |
| CEM OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 5 | 12 | 9 | 3 | 0 | 29 (±0) |
| Conifer Evergreen Small (CES) | | | | | | |
| Eastern red cedar | 4 | 1 | 2 | 0 | 0 | 7 (±0) |
| CES OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 4 | 1 | 2 | 0 | 0 | 7 (±0) |
| Grand Total | 23 | 38 | 26 | 12 | 20 | 119 (±0) |

Population Summary of Public Trees for Zone 5 Winter Park Trees Only

11/16/2010

| Species | DBH Class (in) | | | | | Total Standard Error |
|---|----------------|-----------|-----------|----------|----------|----------------------|
| | 0-8 | 8-16 | 16-24 | 24-32 | >32 | |
| Broadleaf Deciduous Large (BDL) | | | | | | |
| Green ash | 9 | 50 | 5 | 0 | 1 | 65 (±0) |
| Northern hackberry | 0 | 1 | 12 | 0 | 0 | 13 (±0) |
| Northern red oak | 8 | 3 | 0 | 0 | 0 | 11 (±0) |
| BDL OTHER | 0 | 0 | 0 | 0 | 1 | 1 (±0) |
| Total | 17 | 54 | 17 | 0 | 2 | 90 (±0) |
| Broadleaf Deciduous Medium (BDM) | | | | | | |
| Boxelder | 0 | 0 | 0 | 0 | 2 | 2 (±0) |
| BDM OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 2 | 2 (±0) |
| Broadleaf Deciduous Small (BDS) | | | | | | |
| Mulberry | 10 | 2 | 1 | 0 | 0 | 13 (±0) |
| Flowering crabapple | 0 | 4 | 0 | 0 | 0 | 4 (±0) |
| BDS OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 10 | 6 | 1 | 0 | 0 | 17 (±0) |
| Broadleaf Evergreen Large (BEL) | | | | | | |
| BEL OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Broadleaf Evergreen Medium (BEM) | | | | | | |
| BEM OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Broadleaf Evergreen Small (BES) | | | | | | |
| BES OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Conifer Evergreen Large (CEL) | | | | | | |
| Scotch pine | 0 | 2 | 4 | 0 | 0 | 6 (±0) |
| CEL OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 2 | 4 | 0 | 0 | 6 (±0) |
| Conifer Evergreen Medium (CEM) | | | | | | |
| CEM OTHER | 1 | 0 | 0 | 0 | 0 | 1 (±0) |
| Total | 1 | 0 | 0 | 0 | 0 | 1 (±0) |
| Conifer Evergreen Small (CES) | | | | | | |
| CES OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Grand Total | 28 | 62 | 22 | 0 | 4 | 116 (±0) |

Population Summary of Public Trees for Zone 7 Liberty Bell Park Trees Only

11/16/2010

| Species | DBH Class (in) | | | | | Total Standard Error |
|---|----------------|----------|-----------|-----------|----------|----------------------|
| | 0-8 | 8-16 | 16-24 | 24-32 | >32 | |
| Broadleaf Deciduous Large (BDL) | | | | | | |
| American basswood | 0 | 0 | 0 | 8 | 0 | 8 (±0) |
| Green ash | 0 | 0 | 3 | 0 | 1 | 4 (±0) |
| Sugar maple | 0 | 1 | 2 | 0 | 0 | 3 (±0) |
| BDL OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 1 | 5 | 8 | 1 | 15 (±0) |
| Broadleaf Deciduous Medium (BDM) | | | | | | |
| BDM OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Broadleaf Deciduous Small (BDS) | | | | | | |
| BDS OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Broadleaf Evergreen Large (BEL) | | | | | | |
| BEL OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Broadleaf Evergreen Medium (BEM) | | | | | | |
| BEM OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Broadleaf Evergreen Small (BES) | | | | | | |
| BES OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Conifer Evergreen Large (CEL) | | | | | | |
| Norway spruce | 0 | 0 | 0 | 1 | 0 | 1 (±0) |
| CEL OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 1 | 0 | 1 (±0) |
| Conifer Evergreen Medium (CEM) | | | | | | |
| Blue spruce | 0 | 0 | 4 | 2 | 0 | 6 (±0) |
| Black hills spruce | 0 | 0 | 1 | 0 | 0 | 1 (±0) |
| CEM OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 5 | 2 | 0 | 7 (±0) |
| Conifer Evergreen Small (CES) | | | | | | |
| CES OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Grand Total | 0 | 1 | 10 | 11 | 1 | 23 (±0) |

Population Summary of Public Trees for Zone 6 Warren Cook Park Trees Only

11/16/2010

| Species | DBH Class (in) | | | | | Total Standard Error |
|---|----------------|-----------|-----------|----------|----------|----------------------|
| | 0-8 | 8-16 | 16-24 | 24-32 | >32 | |
| Broadleaf Deciduous Large (BDL) | | | | | | |
| Green ash | 12 | 19 | 16 | 0 | 0 | 47 (±0) |
| American basswood | 1 | 4 | 0 | 0 | 0 | 5 (±0) |
| Sugar maple | 0 | 0 | 2 | 0 | 0 | 2 (±0) |
| BDL OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 13 | 23 | 18 | 0 | 0 | 54 (±0) |
| Broadleaf Deciduous Medium (BDM) | | | | | | |
| BDM OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Broadleaf Deciduous Small (BDS) | | | | | | |
| Flowering crabapple | 3 | 0 | 0 | 0 | 0 | 3 (±0) |
| BDS OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 3 | 0 | 0 | 0 | 0 | 3 (±0) |
| Broadleaf Evergreen Large (BEL) | | | | | | |
| BEL OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Broadleaf Evergreen Medium (BEM) | | | | | | |
| BEM OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Broadleaf Evergreen Small (BES) | | | | | | |
| BES OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Conifer Evergreen Large (CEL) | | | | | | |
| CEL OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Conifer Evergreen Medium (CEM) | | | | | | |
| Black spruce | 0 | 8 | 0 | 0 | 0 | 8 (±0) |
| Austrian pine | 0 | 0 | 3 | 0 | 0 | 3 (±0) |
| CEM OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 8 | 3 | 0 | 0 | 11 (±0) |
| Conifer Evergreen Small (CES) | | | | | | |
| CES OTHER | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Total | 0 | 0 | 0 | 0 | 0 | 0 (±0) |
| Grand Total | 16 | 31 | 21 | 0 | 0 | 68 (±0) |

Structural (Woody) Condition of Public Trees by Zone

11/16/2010

| Zone | Condition | Tree Count | Standard Error | % of Zone | % of Public Trees |
|---------------------|-----------|------------|----------------|-----------|-------------------|
| 2 Central Park | Poor | 0 | (N/A) | 0.00 | 0.00 |
| | Fair | 8 | (N/A) | 28.57 | 2.24 |
| | Good | 16 | (N/A) | 57.14 | 4.48 |
| | Excellent | 4 | (N/A) | 14.29 | 1.12 |
| | Total | 28 | (N/A) | 100.00 | 7.84 |
| 3 Westside Park | Poor | 0 | (N/A) | 0.00 | 0.00 |
| | Fair | 1 | (N/A) | 33.33 | 0.28 |
| | Good | 2 | (N/A) | 66.67 | 0.56 |
| | Excellent | 0 | (N/A) | 0.00 | 0.00 |
| | Total | 3 | (N/A) | 100.00 | 0.84 |
| 4 Johnson Park | Poor | 35 | (N/A) | 29.41 | 9.80 |
| | Fair | 32 | (N/A) | 26.89 | 8.96 |
| | Good | 33 | (N/A) | 27.73 | 9.24 |
| | Excellent | 19 | (N/A) | 15.97 | 5.32 |
| | Total | 119 | (N/A) | 100.00 | 33.33 |
| 5 Winter Park | Poor | 12 | (N/A) | 10.34 | 3.36 |
| | Fair | 49 | (N/A) | 42.24 | 13.73 |
| | Good | 43 | (N/A) | 37.07 | 12.04 |
| | Excellent | 12 | (N/A) | 10.34 | 3.36 |
| | Total | 116 | (N/A) | 100.00 | 32.49 |
| 6 Warren Cook Park | Poor | 9 | (N/A) | 13.24 | 2.52 |
| | Fair | 41 | (N/A) | 60.29 | 11.48 |
| | Good | 15 | (N/A) | 22.06 | 4.20 |
| | Excellent | 3 | (N/A) | 4.41 | 0.84 |
| | Total | 68 | (N/A) | 100.00 | 19.05 |
| 7 Liberty Bell Park | Poor | 0 | (N/A) | 0.00 | 0.00 |
| | Fair | 5 | (N/A) | 21.74 | 1.40 |
| | Good | 18 | (N/A) | 78.26 | 5.04 |
| | Excellent | 0 | (N/A) | 0.00 | 0.00 |
| | Total | 23 | (N/A) | 100.00 | 6.44 |
| Citywide | Poor | 56 | (N/A) | 15.69 | 15.69 |
| | Fair | 136 | (N/A) | 38.10 | 38.10 |
| | Good | 127 | (N/A) | 35.57 | 35.57 |
| | Excellent | 38 | (N/A) | 10.64 | 10.64 |
| | Total | 357 | (N/A) | 100.00 | 100.00 |

Structural (Woody) Condition of Public Trees by Species All Park Trees

11/16/2010

| Species | Condition | Tree Count | Standard Error | % of Species | % of Public Trees |
|---------------------------|-----------|------------|----------------|--------------|-------------------|
| American basswood | Poor | 0 | (N/A) | 0.00 | 0.00 |
| | Fair | 2 | (N/A) | 8.70 | 0.56 |
| | Good | 18 | (N/A) | 78.26 | 5.04 |
| | Excellent | 3 | (N/A) | 13.04 | 0.84 |
| | Total | 23 | (N/A) | 100.00 | 6.44 |
| American elm | Poor | 3 | (N/A) | 27.27 | 0.84 |
| | Fair | 3 | (N/A) | 27.27 | 0.84 |
| | Good | 2 | (N/A) | 18.18 | 0.56 |
| | Excellent | 3 | (N/A) | 27.27 | 0.84 |
| | Total | 11 | (N/A) | 100.00 | 3.08 |
| Austrian pine | Poor | 6 | (N/A) | 30.00 | 1.68 |
| | Fair | 7 | (N/A) | 35.00 | 1.96 |
| | Good | 6 | (N/A) | 30.00 | 1.68 |
| | Excellent | 1 | (N/A) | 5.00 | 0.28 |
| | Total | 20 | (N/A) | 100.00 | 5.60 |
| Black hills spruce | Poor | 0 | (N/A) | 0.00 | 0.00 |
| | Fair | 1 | (N/A) | 100.00 | 0.28 |
| | Good | 0 | (N/A) | 0.00 | 0.00 |
| | Excellent | 0 | (N/A) | 0.00 | 0.00 |
| | Total | 1 | (N/A) | 100.00 | 0.28 |
| Black spruce | Poor | 0 | (N/A) | 0.00 | 0.00 |
| | Fair | 1 | (N/A) | 12.50 | 0.28 |
| | Good | 4 | (N/A) | 50.00 | 1.12 |
| | Excellent | 3 | (N/A) | 37.50 | 0.84 |
| | Total | 8 | (N/A) | 100.00 | 2.24 |
| Black walnut | Poor | 0 | (N/A) | 0.00 | 0.00 |
| | Fair | 1 | (N/A) | 100.00 | 0.28 |
| | Good | 0 | (N/A) | 0.00 | 0.00 |
| | Excellent | 0 | (N/A) | 0.00 | 0.00 |
| | Total | 1 | (N/A) | 100.00 | 0.28 |
| Blue spruce | Poor | 0 | (N/A) | 0.00 | 0.00 |
| | Fair | 0 | (N/A) | 0.00 | 0.00 |
| | Good | 8 | (N/A) | 88.89 | 2.24 |
| | Excellent | 1 | (N/A) | 11.11 | 0.28 |
| | Total | 9 | (N/A) | 100.00 | 2.52 |
| Boxelder | Poor | 1 | (N/A) | 50.00 | 0.28 |
| | Fair | 1 | (N/A) | 50.00 | 0.28 |
| | Good | 0 | (N/A) | 0.00 | 0.00 |
| | Excellent | 0 | (N/A) | 0.00 | 0.00 |
| | Total | 2 | (N/A) | 100.00 | 0.56 |
| Cottonwood | Poor | 0 | (N/A) | 0.00 | 0.00 |
| | Fair | 8 | (N/A) | 44.44 | 2.24 |
| | Good | 10 | (N/A) | 55.56 | 2.80 |
| | Excellent | 0 | (N/A) | 0.00 | 0.00 |
| | Total | 18 | (N/A) | 100.00 | 5.04 |
| Douglas fir | Poor | 2 | (N/A) | 33.33 | 0.56 |
| | Fair | 2 | (N/A) | 33.33 | 0.56 |
| | Good | 2 | (N/A) | 33.33 | 0.56 |
| | Excellent | 0 | (N/A) | 0.00 | 0.00 |
| | Total | 6 | (N/A) | 100.00 | 1.68 |
| Eastern red cedar | Poor | 4 | (N/A) | 57.14 | 1.12 |
| | Fair | 2 | (N/A) | 28.57 | 0.56 |
| | Good | 0 | (N/A) | 0.00 | 0.00 |
| | Excellent | 1 | (N/A) | 14.29 | 0.28 |
| | Total | 7 | (N/A) | 100.00 | 1.96 |

Structural (Woody) Condition of Public Trees by Species All Park Trees

11/16/2010

| Species | Condition | Tree Count | Standard Error | % of Species | % of Public Trees |
|----------------------------|-----------|------------|----------------|--------------|-------------------|
| Flowering crabapple | Poor | 2 | (N/A) | 16.67 | 0.56 |
| | Fair | 3 | (N/A) | 25.00 | 0.84 |
| | Good | 5 | (N/A) | 41.67 | 1.40 |
| | Excellent | 2 | (N/A) | 16.67 | 0.56 |
| | Total | 12 | (N/A) | 100.00 | 3.36 |
| Green ash | Poor | 20 | (N/A) | 15.15 | 5.60 |
| | Fair | 68 | (N/A) | 51.52 | 19.05 |
| | Good | 34 | (N/A) | 25.76 | 9.52 |
| | Excellent | 10 | (N/A) | 7.58 | 2.80 |
| | Total | 132 | (N/A) | 100.00 | 36.97 |
| Honeylocust | Poor | 0 | (N/A) | 0.00 | 0.00 |
| | Fair | 0 | (N/A) | 0.00 | 0.00 |
| | Good | 0 | (N/A) | 0.00 | 0.00 |
| | Excellent | 1 | (N/A) | 100.00 | 0.28 |
| | Total | 1 | (N/A) | 100.00 | 0.28 |
| Littleleaf linden | Poor | 0 | (N/A) | 0.00 | 0.00 |
| | Fair | 0 | (N/A) | 0.00 | 0.00 |
| | Good | 0 | (N/A) | 0.00 | 0.00 |
| | Excellent | 1 | (N/A) | 100.00 | 0.28 |
| | Total | 1 | (N/A) | 100.00 | 0.28 |
| Mulberry | Poor | 3 | (N/A) | 18.75 | 0.84 |
| | Fair | 6 | (N/A) | 37.50 | 1.68 |
| | Good | 7 | (N/A) | 43.75 | 1.96 |
| | Excellent | 0 | (N/A) | 0.00 | 0.00 |
| | Total | 16 | (N/A) | 100.00 | 4.48 |
| Northern catalpa | Poor | 0 | (N/A) | 0.00 | 0.00 |
| | Fair | 0 | (N/A) | 0.00 | 0.00 |
| | Good | 1 | (N/A) | 100.00 | 0.28 |
| | Excellent | 0 | (N/A) | 0.00 | 0.00 |
| | Total | 1 | (N/A) | 100.00 | 0.28 |
| Northern hackberry | Poor | 5 | (N/A) | 16.13 | 1.40 |
| | Fair | 4 | (N/A) | 12.90 | 1.12 |
| | Good | 16 | (N/A) | 51.61 | 4.48 |
| | Excellent | 6 | (N/A) | 19.35 | 1.68 |
| | Total | 31 | (N/A) | 100.00 | 8.68 |
| Northern pin oak | Poor | 0 | (N/A) | 0.00 | 0.00 |
| | Fair | 1 | (N/A) | 100.00 | 0.28 |
| | Good | 0 | (N/A) | 0.00 | 0.00 |
| | Excellent | 0 | (N/A) | 0.00 | 0.00 |
| | Total | 1 | (N/A) | 100.00 | 0.28 |
| Northern red oak | Poor | 1 | (N/A) | 9.09 | 0.28 |
| | Fair | 3 | (N/A) | 27.27 | 0.84 |
| | Good | 4 | (N/A) | 36.36 | 1.12 |
| | Excellent | 3 | (N/A) | 27.27 | 0.84 |
| | Total | 11 | (N/A) | 100.00 | 3.08 |
| Norway maple | Poor | 0 | (N/A) | 0.00 | 0.00 |
| | Fair | 3 | (N/A) | 60.00 | 0.84 |
| | Good | 1 | (N/A) | 20.00 | 0.28 |
| | Excellent | 1 | (N/A) | 20.00 | 0.28 |
| | Total | 5 | (N/A) | 100.00 | 1.40 |
| Norway spruce | Poor | 0 | (N/A) | 0.00 | 0.00 |
| | Fair | 0 | (N/A) | 0.00 | 0.00 |
| | Good | 1 | (N/A) | 100.00 | 0.28 |
| | Excellent | 0 | (N/A) | 0.00 | 0.00 |
| | Total | 1 | (N/A) | 100.00 | 0.28 |

Structural (Woody) Condition of Public Trees by Species All Park Trees

11/16/2010

| Species | Condition | Tree Count | Standard Error | % of Species | % of Public Trees |
|---------------------|-----------|------------|----------------|--------------|-------------------|
| Red maple | Poor | 0 | (N/A) | 0.00 | 0.00 |
| | Fair | 1 | (N/A) | 50.00 | 0.28 |
| | Good | 1 | (N/A) | 50.00 | 0.28 |
| | Excellent | 0 | (N/A) | 0.00 | 0.00 |
| | Total | 2 | (N/A) | 100.00 | 0.56 |
| Scotch pine | Poor | 0 | (N/A) | 0.00 | 0.00 |
| | Fair | 6 | (N/A) | 100.00 | 1.68 |
| | Good | 0 | (N/A) | 0.00 | 0.00 |
| | Excellent | 0 | (N/A) | 0.00 | 0.00 |
| | Total | 6 | (N/A) | 100.00 | 1.68 |
| Siberian elm | Poor | 4 | (N/A) | 100.00 | 1.12 |
| | Fair | 0 | (N/A) | 0.00 | 0.00 |
| | Good | 0 | (N/A) | 0.00 | 0.00 |
| | Excellent | 0 | (N/A) | 0.00 | 0.00 |
| | Total | 4 | (N/A) | 100.00 | 1.12 |
| Silver maple | Poor | 2 | (N/A) | 16.67 | 0.56 |
| | Fair | 6 | (N/A) | 50.00 | 1.68 |
| | Good | 4 | (N/A) | 33.33 | 1.12 |
| | Excellent | 0 | (N/A) | 0.00 | 0.00 |
| | Total | 12 | (N/A) | 100.00 | 3.36 |
| Sugar maple | Poor | 0 | (N/A) | 0.00 | 0.00 |
| | Fair | 4 | (N/A) | 80.00 | 1.12 |
| | Good | 1 | (N/A) | 20.00 | 0.28 |
| | Excellent | 0 | (N/A) | 0.00 | 0.00 |
| | Total | 5 | (N/A) | 100.00 | 1.40 |
| White Spruce | Poor | 3 | (N/A) | 30.00 | 0.84 |
| | Fair | 3 | (N/A) | 30.00 | 0.84 |
| | Good | 2 | (N/A) | 20.00 | 0.56 |
| | Excellent | 2 | (N/A) | 20.00 | 0.56 |
| | Total | 10 | (N/A) | 100.00 | 2.80 |

| |
|--|
| Importance Values for Public Most Abundant Trees All Park Trees |
|--|

11/16/2010

| Species | Number of Trees | % of Total Trees | Leaf Area (ft ²) | % of Total Leaf Area | Canopy Cover (ft ²) | % of Total Canopy Cover | Importance Value |
|---------------------|-----------------|------------------|------------------------------|----------------------|---------------------------------|-------------------------|------------------|
| Green ash | 132 | 37.0 | 237,945 | 24.3 | 84,939 | 30.0 | 30.4 |
| Northern hackberry | 31 | 8.7 | 93,090 | 9.5 | 37,716 | 13.3 | 10.5 |
| American basswood | 23 | 6.4 | 107,699 | 11.0 | 27,997 | 9.9 | 9.1 |
| Austrian pine | 20 | 5.6 | 49,370 | 5.0 | 9,093 | 3.2 | 4.6 |
| Cottonwood | 18 | 5.0 | 157,702 | 16.1 | 35,978 | 12.7 | 11.3 |
| Mulberry | 16 | 4.5 | 5,419 | 0.6 | 4,638 | 1.6 | 2.2 |
| Silver maple | 12 | 3.4 | 82,928 | 8.5 | 22,844 | 8.1 | 6.6 |
| Flowering crabapple | 12 | 3.4 | 4,210 | 0.4 | 3,885 | 1.4 | 1.7 |
| Northern red oak | 11 | 3.1 | 3,812 | 0.4 | 2,743 | 1.0 | 1.5 |
| American elm | 11 | 3.1 | 61,933 | 6.3 | 16,689 | 5.9 | 5.1 |
| White Spruce | 10 | 2.8 | 19,792 | 2.0 | 3,995 | 1.4 | 2.1 |
| Blue spruce | 9 | 2.5 | 27,718 | 2.8 | 4,859 | 1.7 | 2.4 |
| Black spruce | 8 | 2.2 | 12,701 | 1.3 | 2,869 | 1.0 | 1.5 |
| Eastern red cedar | 7 | 2.0 | 7,074 | 0.7 | 1,531 | 0.5 | 1.1 |
| Scotch pine | 6 | 1.7 | 23,486 | 2.4 | 3,027 | 1.1 | 1.7 |
| Douglas fir | 6 | 1.7 | 9,975 | 1.0 | 1,754 | 0.6 | 1.1 |
| Norway maple | 5 | 1.4 | 520 | 0.1 | 593 | 0.2 | 0.6 |
| Sugar maple | 5 | 1.4 | 16,483 | 1.7 | 5,386 | 1.9 | 1.7 |
| Siberian elm | 4 | 1.1 | 6,991 | 0.7 | 3,028 | 1.1 | 1.0 |
| OTHER TREES | 11 | 3.1 | 49,487 | 5.1 | 9,957 | 3.5 | 3.9 |
| Total | 357 | 100.0 | 978,336 | 100.0 | 283,521 | 100.0 | 100.0 |

Norfolk

Relative Performance Index for Public Trees All Park Trees

11/16/2010

| Species | Poor | Fair | Good | Excellent | RPI | # of Standard Trees Error | % of Public |
|---------------------|--------|--------|--------|-----------|------|------------------------------|----------------|
| Green ash | 15.15 | 51.52 | 25.76 | 7.58 | 0.95 | 132 (N/A) | 36.97 |
| Northern hackberry | 16.13 | 12.90 | 51.61 | 19.35 | 1.11 | 31 (N/A) | 8.68 |
| American basswood | 0.00 | 8.70 | 78.26 | 13.04 | 1.22 | 23 (N/A) | 6.44 |
| Austrian pine | 30.00 | 35.00 | 30.00 | 5.00 | 0.90 | 20 (N/A) | 5.60 |
| Cottonwood | 0.00 | 44.44 | 55.56 | 0.00 | 1.07 | 18 (N/A) | 5.04 |
| Mulberry | 18.75 | 37.50 | 43.75 | 0.00 | 0.96 | 16 (N/A) | 4.48 |
| Silver maple | 16.67 | 50.00 | 33.33 | 0.00 | 0.93 | 12 (N/A) | 3.36 |
| Flowering crabapple | 16.67 | 25.00 | 41.67 | 16.67 | 1.05 | 12 (N/A) | 3.36 |
| American elm | 27.27 | 27.27 | 18.18 | 27.27 | 0.99 | 11 (N/A) | 3.08 |
| Northern red oak | 9.09 | 27.27 | 36.36 | 27.27 | 1.12 | 11 (N/A) | 3.08 |
| White Spruce | 30.00 | 30.00 | 20.00 | 20.00 | 0.95 | 10 (N/A) | 2.80 |
| Blue spruce | 0.00 | 0.00 | 88.89 | 11.11 | 1.25 | 9 (N/A) | 2.52 |
| Black spruce | 0.00 | 12.50 | 50.00 | 37.50 | 1.26 | 8 (N/A) | 2.24 |
| Eastern red cedar | 57.14 | 28.57 | 0.00 | 14.29 | 0.74 | 7 (N/A) | 1.96 |
| Douglas fir | 33.33 | 33.33 | 33.33 | 0.00 | 0.87 | 6 (N/A) | 1.68 |
| Scotch pine | 0.00 | 100.00 | 0.00 | 0.00 | 0.87 | 6 (N/A) | 1.68 |
| Norway maple | 0.00 | 60.00 | 20.00 | 20.00 | 1.05 | 5 (N/A) | 1.40 |
| Sugar maple | 0.00 | 80.00 | 20.00 | 0.00 | 0.94 | 5 (N/A) | 1.40 |
| Siberian elm | 100.00 | 0.00 | 0.00 | 0.00 | 0.51 | 4 (N/A) | 1.12 |
| Red maple | 0.00 | 50.00 | 50.00 | 0.00 | 1.05 | 2 (N/A) | 0.56 |
| Boxelder | 50.00 | 50.00 | 0.00 | 0.00 | 0.69 | 2 (N/A) | 0.56 |
| Black walnut | 0.00 | 100.00 | 0.00 | 0.00 | 0.87 | 1 (N/A) | 0.28 |
| Littleleaf linden | 0.00 | 0.00 | 0.00 | 100.00 | 1.44 | 1 (N/A) | 0.28 |
| Northern catalpa | 0.00 | 0.00 | 100.00 | 0.00 | 1.23 | 1 (N/A) | 0.28 |
| Honeylocust | 0.00 | 0.00 | 0.00 | 100.00 | 1.44 | 1 (N/A) | 0.28 |
| Northern pin oak | 0.00 | 100.00 | 0.00 | 0.00 | 0.87 | 1 (N/A) | 0.28 |
| Black hills spruce | 0.00 | 100.00 | 0.00 | 0.00 | 0.87 | 1 (N/A) | 0.28 |
| Norway spruce | 0.00 | 0.00 | 100.00 | 0.00 | 1.23 | 1 (N/A) | 0.28 |
| Citywide | 15.69 | 38.10 | 35.57 | 10.64 | 1.00 | 357 (N/A) | 100.00 |